e Mining Journal,

FORMING A COMPLETE RECORD OF THE PROCEEDINGS OF ALL PUBLIC COMPANIES.

No. 1027-Vol. XXV.

LONDON, SATURDAY, APRIL 28, 1855.

PRICE 6d.

R. JAMES CROFTS, MINING BROKER,
No. 1, FINCH LANE, CORNHILL, LONDON, TRANSACTS BUSINESS,
INDUVING and SELLING, for immediate cash.
INTDEND MINES, well selected, are the best of any known investments—payfrom 15 to 20 per cent. per annum in dividends. The choice of NON-DIVIDEND
NES for speculation requires careful discrimination.
It. Caerrs transacts every description of business connected with the STOCK
CHANGE at the same rates of commission as charged by the brokers of that
Mishment.—Bankers: The Commercial Bank of London.

E. JAMES LANE has REMOVED from 33, to 29, THREAD-NEEDLE STREET, and continues to DEAL in DIVIDEND and LEADING

MEDLE STREET, and continues to DEAL in DIVIDEND and LEADING INE, at the closest market prices.

THE ATTENTION of those having unemployed capital is especially directed to the present LOW PRICES, and most FAVOURABLE OPPORTULATIVE, as which INVESTMENTS in DIVIDEND and MANY PROGRESSIVE INT. As which INVESTMENTS in DIVIDEND and MANY PROGRESSIVE INT. As which INVESTMENTS in DIVIDEND and MANY PROGRESSIVE INT. As which INVESTMENTS in DIVIDEND and MANY PROGRESSIVE INT. As well as the foreign and the further impetus given to a decline in prices from a stefanest of the war; and the further impetus given to a decline in prices from a stefanest with a standard and promising mines are fared the levelling influence of those that have had no pretensions to merit support. Integrate the promising mines so disparaged, many lately have been in demand improved prices, which their merits fully warrant; and there are many more in a man eatagory (in some instances with machinery of greater value than the price it is abares), under good management, with accounts properly kept and honestly indeed the shares, under good management, with accounts properly kept and honestly alone conductive to success; and to obtain such, advise should be obtained from he who are disinterested, yet who, from constant communication with local agents, as facility of obtaining particulars, are well informed of the morits and dements of supports; in which an investment is sought.

M. BERKELEKY will forward particulars of such mines (based upon the opidion of reputs) as possess sufficient prospects to admit of those investing looking reart with every case on able certainty for a profitable issue at no very distant period.

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M. BERKELEKY MARCHES SECURITIES.

M. BERKELEKY M. S. SCURITIES.

M. BERKELEKY M. S. SCURITIES.

M.

OTICE OF REMOVAL.—Mr. W. LEMON OLIVER, STOCK AND SHAREBROKER, has REMOVED to No. 4, AUSTINFRIARS, OLD OAD STREET, CITY. (Sworn Broker.)—April 20, 1855.

EMOVAL.—Mr. HENRY SIBLEY, STOCK, SHARE, AND MINING AGENT, has REMOVED from No. 3, Old Broad-street, to No. 4,

ESSES, T. SPARGO AND CO., MINING AGENTS AND SHAREBROKERS, 70, CORNHILL, LONDON.

**Relitious advice will be afforded to any gentleman requiring information respectations in the control of the control o

15 30

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ESSRS. T. SPARGO AND CO., MINING AGENTS AND SHAREBROKERS, are instructed to BUY 100 Wheal Hender Shares, at the same and are SELLERS of 300 Treveddoe, at £1 10s. share; and 5 redren Conols, at a price much below their value.

R. W. H. BRUMBY, STOCK AND SHAREBROKER,

R FRANCIS RIDGMAN, MINE SHAREBROKER, TAYMFOCK, DEVON. 4

R. T. TYACK, MINE SHAREBROKER, AUCTIONEER, &c. CAMBORNE, CORNWALL.

E. E. GOMPERS, MINING SHARE DEALER, 98, GRACECHURCH STREET, LONDON. //

JAS. T. TREMAYNE (late accountant in the firm of Rober Michelland Son, merchants and smelters, of Truro) begs to inform his friends the politic, that he has COMMENCED BUSINESS at the undermentioned admiss a MINING, SHIPPING, and GENERAL COMMISSION AGENT. Having a language experience in general business in the above-named firm, he hopes to the strength of the strength of

R. HY. GOULD SHARP HAS FOR SALE, OR ANY PART:

300 Gushus.

200 Molland, 2s.

201 Tamar Maria, 1s. 9d.

300 Gushus.

300 Gushus.

300 Great Cambrian, 1s. 3d.

300 Wildberg, 37s.

301 Sortrid, cons., 33s. 6d.

301 Sortrid, cons., 33s. 6d.

302 Hope Valley, £1½.

303 Hall Chambers, Bishopagate-street, London.

AMES F. BODDY, No. 15, OLD BROAD STREET, LONDON, TRASSACTS BUSINESS in the undermentioned, or any other MINES quoted to present late of the Mining Journal; and will be happy to forward any information of the Mining Journal; and will be happy to forward any information of the Mining Journal; and will be happy to forward any information of the Mining Journal; and will be happy to forward any information of the Mining Journal; and will be happy to forward any information of the Mining Journal; and will be happy to forward any information of the Mining Journal of the Mi i and will be happy to forward any inforet list of the prices.
Nor, Hingston Cons.
Nor, Hingston Cons.
Poltimore United Mines
Par Consols West Basset
Phonix Wheal Arthur
Polberro
Penny-delli Wheal Arthur
Polberro
Penny-delli Wheal Hasset
Oola (Limerick)
Pendeen Consols
Quintrell Downs
Rix Hill West Crinnis
Rorrington West Alfred
Round Hill West Crinnis
Rorrington West Polberro
Round Hill West Crinnis
Rorrington West Polberro
Round Hill Wheal Alfred
South Caradon Wheal Lemon
South Tamar
Stray Park and CamWheal Wrest Consisting Park and CamWheal Why Gt. Cons
Stray Park and CamWheal West Consisting Park and CamWheal Why Gt. Cons
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Wheal Was Cons
Wheal Rasset
Wheal Arthur
Whea

IMIMG INVESTMENT.—T. FULLER AND CO., 51. THREADNEIDLE-STREET, LONDON, continue to ADVISE CAPITALISTS upon
MEDILE-STREET, LONDON, continue to ADVISE CAPITALISTS upon
MEDILE-STREET, LONDON, continue to ADVISE CAPITALISTS upon
MEDICAL STREET, continue to

R. HERRON is a BUYER of the FOLLOWING SHARES:

10 Gilmar 5 West Providence 1 South Basset 30 United Mexica 5 Great Aifred 10 North Basset 20 Wheal Gasses 5 South Caradon 1 West Caradon 1 South Caradon 3 N. Vale of Towy 5 Kibricken 1 South Frances 5 South Caradon 1 South Caradon 1 South Caradon 1 South Caradon 1 South Caradon 2 Owheal Edward 10 South Caradon 1 South Caradon 2 Owheal Edward 10 Cook's Kitchen 1 Cook's Kitchen 2 Owheal Gasses 3 St. John del Rey 30 Trelegan 40 Cubert 2 Owheal General 10 Cook's Kitchen 10 Cook's Kitchen 2 Owheal General 2 Owheal General 10 Cook's Kitchen 2 Owneal General 10 Cook's Kitchen 2 Owneal General 10 Cook's Kitchen 2 Owneal Cook 1 Owneal 1 South Basset 30 United Mexican 10 North Basset 50 Tamar Consols 40 South Cara Brea 20 Wheal Edward 30 N. Vale of Towy 50 Kilbricken 5 St. John del Rey 30 Orsedd 30 Treleigh
15 North Downs
30 Wheal Pollard
20 Great Baddern
50 Tremoll, Down
5 Stray Park
10 Pen-y-Gelli
3 East Basset
5 Eaglebrook
10 Bedford United

MR. JOSEPH JAMES REYNOLDS, STOCK AND SHARE-BROKER, No. 21, THREADNEEDLE STREET, LONDON.

BUSINESS TRANSACTED in every description of BRITISH and FOREIGN STOCKS, FUNDS, and SECURITIES; also, BRITISH and FOREIGN MINES.

MESSRS. POWELL AND COOKE, DEALERS IN MINING SHARES, No. 8, HERCULES CHAMBERS, OLD BROAD STREET, DONDON.—The above continue to DEAL in the SHARES of all the leading DIVIDEND and good PROGRESSIVE MINES.—April 27, 1855.

MR. B. LAMBERT TENDERS HIS SERVICES to PARTIES INVESTING in or SELLING MINING PROPERTY. By the soundness of the information to which he has access, and the bone side character of the undertakings to which he directs attention, his constant endeavours are to secure the support of his clients.—Offices, 3, Hatton-court, Threadneedle-street, City.

MR. LELEAN, 4, CUSHION COURT, OLD BROAD STREET, LONDON.—BUSINESS TRANSACTED in every description of BRITISH STOCKS, FUNDS, and SECURITIES; also, BRITISH and FOREIGN MINES. Mr. LELEAN is a BUYER of 500 Great Hewas United, 5s. 6d.; 460 West Rosewarne United, ½ prem.; all cash prices.—4, Cushion-court, Old Broad-street, London. 2/

M. R. W. CHARLES is a BUYER of SHARES in Marke Valley, Great Hewas, West Crinnia, Union Tin, and others. And a SELLER in Great Crinnis, West Par Consols, East Caradon, Caylan, Albion Clay, Wrysgan Sinte, and others.—27, Austinfriars, April 27, 1855.

MINING, MINING MACHINERY, &c.—PLANS and SECTIONS MADE TO ORDER, with NEATNESS and PROMPTITUDE, by Mr. EVAN HOPKINS, Jun., 38, Thurloe-square, Brompton.

(APT. THOMAS DUNN, of TAVISTOCK, undertakes to INSPECT, REPORE, and SURVEY any MINES or MINERAL PROPERTY in ENG-LAND, IRELAND, SCOTLAND, or WALES. No objection to take the management of any mine or mines in the neighbourhood of Tavistock.

MR. ADAM MURRAY, F.G.S., CONSULTING MINING ENGINEER, 76, CORNHILL, LONDON. 2.5

MR. NEWTON SAMUELSON, F.C.S., ASSAYER AND ANALYTICAL CHEMIST,—3, HACKIN'S HEY, LIVERPOOL.

M. RICHARD MICHELL'S MINING, AUCTION, AND GENERAL COMMISSION AGENCY OFFICES,

Mines inspected, and information punctually furnished.

M. R. W. T. RICKARD, F.C.S., ANALYTICAL CHEMIST,
Assayer of Copper and the Precious Metals, by Special Appointment of
the Chilian Government,
ACORN VILLA, FORD ROAD, OLD FORD, LONDON.

City Office, 17, Gracechurch-street.

COBALT AND NICKEL.—ALFRED SENIOR MERRY REFINER AND PURCHASER OF COBALT AND NICKEL ORES, AND ASSAYER IN GENERAL—Address, LEE CRESCENT, BIRMINGHAM.

ICKEL AND COBALT REFINING, AND GERMAN SILVER WORKS, MILL STREET, BROAD STREET, BIRMINGHAM.—STEPHEN SARKER beeps to inform the Trade that he has the following articles for eale:—REFINED METALLIC NICKEL. OXIDK OF COBALT. WIRE, &c. REFINED METALLIC BISMUTH. GERMAN SILVER—IN INGOTS, SHEET, NICKEL AND COBALT ORES PURCHASED.

GOLDENHILL, COBALT, NICKEL, COLOUR, BORAX, AND CHEMICAL WORKS,
NEAR STOKE-UPON-TRENT, STAFFORDSHIRE.
JOHN HERSHALL WILLIAMSON, MANUFACTURER AND REFINER.
Reference.—Professor Miller, King's College, London.

BBOTSON BROTHERS AND CO., SHEFFIELD, STEEL AND FILE WORKS; also COMMISSION MERCHANTS for the SALE and PURCHASE of every description of MACHINES and MACHINERY, and every article used by engineers, too numerous to enumerate in an advertisement.

NATIVE CARBONATE OF BARYTES.—Messrs. SPENCER and WATSON still CONTINUE TO DO LARGELY in this MINERAL, of the best and purest qualities. They insert this in consequence of an advertisement which stated that there was only one party who possessed this article, Newcastle-upon-Tyne, April 26, 1855.

SULPHATE OF BARYTES.—ANY QUANTITY, from 5 to 50,000 tons of good quality, FOR SALE.—Apply to Mr. C. WESCOMB, 21, Southernbay, Exeter.

TO LET, a valuable LEAD MINE, situate in North Wales, on terms most favourable to a lessee.—For particulars, apply to M. M. DEVERSON, Esq.,

DARYTES COMPANY OF IRELAND.—The QUARTERLY
MEETING of the shareholders of the above company will be HELD at Walbrook House, Walbrook, on Wednesday next, the 2d day of May, at Twelve o'clock
at noon precisely.

J. TYLER, Sec. and Pursey.

Walbrook House, Walbrook, April 27, 1855.

CREAT ORINNIS COPPER MINING COMPANY.—The HALF-T YEARLY GENERAL MEETING of the shareholders of this company is POSTPONED from Monday, the 30th April, to MONDAY, the 21st May, at Tyo o'clook P.M. precisely.

By order of the Board,

26, Austinfriars, April 26, 1855.

R. C. MANUEL, 86.

MIZEN HEAD COPPER MINING COMPANY.—The SHARE-HOLDERS in this company are requested to ATTEND the GENERAL MEETING at the George and Valture Tavern, on Monday next, the 30th inst., at One o'clock, as matters of importance are to be submitted for their consideration and approval.

TRELEIGH CONSOLIDATED MINING COMPANY.—The Directors hereby give notice, that a CALL of FIVE SHILLINGS per chare that this day been made upon the NEW SHARES in this above company (making 10s. per chare on the £1 shares), and that the same must be FAID at the office of the company, as under, on or before Wednesday, the 30th May next.

By order of the Board,

WM. NICHOLSON, Sec.

57, Old Broad-street, April 25, 1855.

M. R. R. TREDINNICK, BROKER and DEALER in BRITISH
MINES, SHARES, and STOCKS IN GENERAL, PUBLISHES, from the
commencement of May next, a WEEKLY CURRENT LIST OF PRICES of a judicious selection of DIVIEND, PROGRESSIVE, and bons fide SPECULATIVE
COMPANIES, with other statistical and valuable information, including his Symogsits of Bristish Mining for the past Nurs Feory. Subscribers, \$2 2s. annually, including
portage; or 1s. per list.

Brokerrage Offices.—4, Austinfriars, London.
Inspecting and Mapping Offices.—Camborne, Cornwall.
April 20, 1835. Publishing Offices.—19, Great 8t. Helen's, London.

MR. R. TREDINNICK begs to inform his correspondents and the public that their INSTRUCTIONS to INSPECT and REPORT upon particular mines in Corawall and Devon must be FORWARDED to CAMBORNE, CORNWALL, until the 5th May next, sirer which to 4, Austinfriers, London, as usual. In consequence of numerous cungenments, Mr. Tammenex cannot streed to instructions for warded to him unless a cheque or post-office order for Two Guincas be excluded in the order to the past, upon receiving which as additional charge will be made, excepting traveling trayments to the mines—London, April 20, 1555.

LEORGE MOORE HAS FOR SALE, 10 Alfr. Cons., £10½.

S Bedford United, £9½.

S Crebor, 16s.

10 East Tamar, 6s., 6d.

10 Hingston Down, £11.

10 Gt. Wh. Alfred, £1½.

20 Gt. Wh. Alfred, £1½.

30 Gt. Wh. Alfred, £1½.

S West Providence, £15.

Subject to 2½ per cent. commission.

Groups Moore has POSTPONED his SALE at the Auction Mart until the 9th of

Subject to 2½ per cent. commission.

Groeds Mooke has POSTPONED his SALE at the Auction Mart until the 9th of May; and, in the meantime, will be happy to receive any communications from his friends, of the public, who may be desirous of availing themselves of the sale.

Business transacted in every description of British and Foreign Mines; every information given, and the dosest prices forwarded, on application.

1, Crown-court, Threadmeedle-street.

R. T. P. THOM AS bogs to inform his friends and the public to his present business of MINE AGENT that of an AUCTIONEER for the SALE, BY PUBLIC COMPETTION, of MINING PROPERTY.

Mr. T. P. TROWAS reminds parties that his wish is to have his sales bona fide; and those having shares put up with reserved prices will please understand that his charges are for buying-in shares under £2, 2% per cent., and over that sum 1½; his charges are for buying-in shares under £2, 2% per cent., and over that sum 1½; his charges opening new accounts.

Dividend and established shares bought and sold privately at the closest prices. Mines inspected and reported on by the most experience agents.

Mr. T. P. THOMAS trust that his experience as a mining agent, and the confidence and support he has received from the leading shareholders in Cornwall, London, and elsewhere, for the last 12 years, will be a guarantee that all property placed in his hands for sale will be disposed of to the best advantage,

75, Old Broad-street, London, April 13, 1855.

MINING SHARES,
OO TINCROFT, 500 MENDIP HILLS, 500 VALE OF TOWY, 400 DRAKE WALLS,
AND 1000 CALLINTON MINING SHARES TO BE SOLD, BY AUCTION, TO
COVER AN ADVANCE.

COVER AN ADVANCE.

M. R. T. P. THOMAS WILL SELL, BY AUCTION, at Garraway's Coffee House, Change-alley, Cornhill, on Tuesday, the 2d of May, 1835, at Twelve o'clock, the above valuable M'NING SHARES. Capitalists and pursons wishing to embark in mines will find this an excellent opportunity to invest, as some of them are paying dividends, and the remainder are selling large quantities of lead, tin, and copper, and progressing to a dividend state.—Farticulars may be had at Garraway's; of Mr. Thon. Kino. 1, St. Michael's-alley, Cornhill; and of the auctioneer, 75, Old Broad-street, City.

THREE HUNDRED AND TWENTY-NINE SHARES IN WHEAL LANGFORD, ABSOLUTELY FORFEITED FOR NON-PAYMENT OF CALLS.

VALUABLE MINING AND OTHER SHARES FOR SALE, at Garraway's C House, Change-alley, Cornhill, on Thursday, the 19th day of May next, at

MR. T. P. THOMAS is favoured with instructions to SELL, BY
PUBLIC AUCTION, at the above-named place, on his usual conditions, the
following SHARES:

1 South Frances.

20 Great Wheal Marths.

2 United Mines.

1 Wheal Brewer.

10 Stray Fark.

20 Guekus.

1 Wheal Brewer.

20 Great Wheal Marths.

30 Guekus. 1 South Frances.
1 Wheal Buller.
2 United Mines.
1 South Wheal Basset.
1 Wheal Basset.
1 Wheal Reeth.
2 United Mines.
1 O Stray Park.
50 Gaskus.
300 Cwm Darren.
50 Guskus.
1 West Ailred Consols.
1 Herodsjoot.
2 Wheal Uny.
30 Geginan.
2 West Providence.
25 Gwm Erfin.
20 Glimar.
20 Great Wheal Martha.
1 Wheal Reewer.
50 Guskus.
10 Glimar.
1 West Damsel.
1 Wheal Circle Consols.
1 Wheal Circle Consols.
2 Wheal Uny.
30 Geginan.
25 Gwm Erfin.
20 Cornwall Railway, £16 shree, £5 paid.
4 LUGELE LEAD

VALUELE LEAD MINES, MACHINERY, SMELTING APPARATUS, FURNACES, BUILDINGS, PLANT, &c., IN SPAIN, FOR SALE, without reserve.

R. T. P. THOMAS has been favoured with instructions from the directors to SELL, BY PUBLIC AUCTION, at Garraway's Coffee House, Change-alley, Cornhill, London, on Thursday, the 10th day of May next, at Twelve o'clock precisely, subject to such conditions as will be then and there produced, all those valuable MINES, FERTINENCIAS, BUILDINGS, MACHINERY, SMELTING APPARATUS, FURNACES, and PLANT, situate in and known as the NEW LINARES MINES, SPAIN, together with the MACHINERY, PITWORK, and PROFERTY belonging to the same.

Further particulars, catalogues, &c., to be had (three days previous to the sale) upon application to the secretary, Mr. R. Roding, jun., 4, Coleman-street-buildings, Moorgate-street; the auctioneer, 75, Old Broad-street; and Garraway's Coffee House, Cornhill.

JOHN ROBERT PIKE, AUCTIONEER AND SHAREBROKER, SOUTH SEA CHAMBEES, THREADNEEDLE STREET, LONDON.
Particulars of the NEXT SALE at the Mart will be published in due course; and his friends are invited to forward a description of the shares for sale during the ensuing week, so that they may be fully advertised.—April 20, 1855.

BULLER AND BASSET UNITED.—FIVE SHARES FOR SALE, at £55 each.—Apply, "A. B. C.," Mining Journal office, No. 26, Fleet-street, condon. No application will receive attention unless a direct offer is made. 49

WEI KÖHLEN-MINEN mit Maschinen je 5000 Scheffel per Tag Förderung zu circa £180,000 st. Einige Complexe von KÖHLEN CONCES. SIONEN ohne Setrieb, ginntig gelegen, billig, vice BLEFERZ, BLENDE, KUP-FER, und EISENSTEIN-GRUBEN in glasstiger Lage unter aunehunbaren Sedin-gungen, worüber jegliohe Auskunft erthelit wird.—Sind zu erwerben bei Phil-Heinh. Sourus, in Essen, Rhein Freussen.

RELIGIOUS INSTRUCTION OF MINERS.—A LADY to deceased) has, by her will, BEQUEATHED a SUM OF MONEY "in aid of the funds for the religious instruction of persons employed in the leed and coal mines if this country."—Persons being aware of any Charity laving for its object the same, r a similar, purpose as that above-mentioned, are requested to communicate imministry by Mr. Nonzon, 21, dread George-atreet, Westminier.

METALLURGICAL AND CHEMICAL.—A GENTLEMAN, who has studied at the Government School of Mines, &c., and obtained the Diploma, is desirous of MEETING with an ENGACEMENT as ASSAYER, METALLURGIST, or in any other works in which chemistry is applied.—Address., "H. L. J.," Messers. h.—April, 1855.

WANTED, at WHEAL SETON, TWO UNDERGROUND AGENTS, one of whom is to be the manager of the mine.—Applications, with testimonials, to be sent, on or before the 1st May, to T. H. Tilly, Palmouth. Wheal Seton, April 9, 1836.

WANTED.—A NEW or good SECOND-HAND HIGH-PRES-tion with a water-wheel.—Writer stating terms, to R. and W. Blakeway, Hangood Mills, Shrawsbury.

Mills, Sarawsoury.

R NGINES FOR SALE.—28 in, cylinder PUMPING ENGINE, with boller 9 tons; 24 in. STAMPING, CRUSHING, or WINDING ENGINE, with boller 6 tons; TO BE SOLD, with or without bollers; all nearly new.—Apply to GEO. SEALY, auctionoer, Marasion.—Marasion, Jan. 10, 1855.

TEAM-ENGINE FOR SALE.—FOR SALE, a 60 in. cylinder.
STEAM-ENGINE, 10 ft. by 9 ft. stroke, nearly new, with or without boiler. The water used for feed and condensing from the grantle rock.—For particulars and sale, apply to Mr. Thawwais. Uny Letant, near Hayle, Cornwall.
Uny Letant, April 11, 4856.

STEAM-ENGINE.—FOR SALE, a 26 in. ROTATORY WINDING ENGINE, 5% feet stroke, fir-wheel attached, with 9 tons boiler.—Apply to appl. Nickols, Christow, man Exeter; or Mr. C. Wescoms, 7, Castle-street, Exeter.

O ENGINEERS, &c.—TO BE SOLD CHEAP, for SCOTLAND and IRELAND, the WHOLE of the FATENT RIGHT of a FATENTED IN TO STITUN IN the ENGINEERING LINE, applicable to locomority, sationary, and trine engines, and to all their boilers.—Address, "B. B. B.," Post-office, Mauchester.

TOTICE TO INVENTORS AND PATENTEES.—The OFFICE for PROCURING PATENTS are REMOVED to No. 32, ESSEX STREE STRAND, LONDON, where all information (British and foreign) may be obtain raits.—Avan's, Emilyond, Gardinar, and Co., patent agents and negociators.

Original Correspondence.

COLLIERY ACCIDENTS .- GOVERNMENT INSPECTORS.

COLLIERY ACCIDENTS.—GOVERNMENT INSPECTORS.

Siz,—In answer to the many theorists who are clamouring for an increased number of inspectors for the coal mines, I send you the result of the quarter ending March Sist, in the counties of Durham, Northumberland, and Cumberland, and it will be seen how creditably the Act is working in those counties, as contrasted with former periods. The character of the accidents, too, must be appreciated, as regards the effect of additional inspection, which is mainly expected to operate against explosions by bringing about salutary arrangements regarding ventilation, and a good and effective check over the use and abuse of safety-lamps.

The most important list of degith, it will be seen, arises from falls of roof, which we have yowermen and deputies, whose judgment and experience are undoubted, but who are taken by surprise in dealing with the roof. Under the head of sundries are contained boys killed by the crush of tubs, the kick of horses, the getting entangled with the machinery, &c., both above and below ground; and my object in giving you this statement is to impress upon every reflecting person how needlessly unavailing the multiplication of inspectors will be in such a district as this.

I do not mean to deny, at the same time, that in several other of the districts additional exportenced inspectors would tend to good, and also that the Act may be in many respects improved; therefore, it would be well for persons affecting to feel an interest in the question to take such matters into consideration, and not comfound the case of a well organised district with districts quite the reverse.

Newcastle-on-Tyne, April 25.**

Comparative results of mine inspection for the counties of Durham, Northumberland, and Qumberland, taking the quarter ending 31st March; and the average of

Comparative results of mine inspection for the counties of Durham, Northumber, d, and Cumberland, taking the quarter ending 31st March; and the average of mer half-years since the passing of the Act:— Proportion Average of General

Accidents in shafts	d. N	lar, 31. for	half-	rear. half	years.
Accidente in shares	-	************	-	************	13
Explosions	3	*************	4	************	16
Falls of stone and coal	-	************	-	**********	. 14
Sundries		************	16	***********	23
Committee	17	*************	34	**********	2216
Total	27	9 10	54	Time to	74

COVERNMENT MINE INSPECTION.

GOVERNMENT MINE INSPECTION.

Sight of the coal mines of this country continues—parliamentary committees, after "dragging, like a wounded snake, their slow length along," make a report, urging immediate legislation—inspectors of mines publish reports of their experience, showing clearly that little, if any, diminution of the loss of life has taken place—yet the new Mines Inspection Bill is still in absyance. At the meeting of Parliament in Becember, and the properties of their experience, showing that gentleman, a memorial (referred to in a leading article), setting forth the repeated applications made by the miners for extended and more stringent legislation. The reply to the deputation was, that the short session at that time, called upon very important public business, prevented attention to the miners' bills; but at the meeting of Parliament after the new year's or Christmas recess, it would be immediately introduced. Hope was again revived in the miner's breast that we were approaching the end of the chapter of delay. Parliament again assembled—other business occupied the attention of the Government—changes took place—correspondence was insulted with Mr. Hutchins, Mr., as chairman of the parliamentary committee, and from which it was assentaned that the bill was ready, and would forthwith be latroduced; but further information brought out the fact that Mr. Fitzroy, the Under-Secretary of State, had resigned, and that Sir George Grey would now have to bring late bill. Subsequently, we were told that Sir George Grey would now have to bring late bill. Subsequently, we were told that Sir George Grey would now have to bring late bill. Subsequently, we were told that Sir George Grey would now have to bring late bill. Subsequently, we were told that Sir George Grey would now have to bring late the new and the old bills, and thus would be prevented from introducing the measure until after Easter, Alas for the poor colliers! Secretaries of State and Government officials do not go down the pits, or maphap such delays

ployers to meet in London when the out is printed, with a view, no workmen have a de-over their interests, &c., it is also intended that the miners or workmen have a de-putation there at the same time, that the body they represent may have the fulles amount of security awarded in the provisions of that measure, Martin Jude.

COMBINATIONS OF IRON AND CARBON.

COMBINATIONS OF IRON AND CAMBOA.

Sia, In all reports that have come under my notice with respect to the proportion of earbon in pig or cast-iron, the discrepancies are so great and numerous, that to put dependence upon such reports would appear to be something very like trusting to a rope of sand. In proof of this opinion of the matter, allow me to give a list of ten analyses of cast-iron, by continental chemists (and the list may be very much extended if at all necessary), as far as concerns the proportions of iron and carbon, be the state of such combinations whatever it may:

Iron, Carbon, p. st. Analyst.

West 11 . 1	Iron.	C	arbon	3.	Aggre				Iron.	•	arbon	1. 1	o.ct. Analyst.
White cast-iron	Oresion		-		Tion .		-		94.78		5.22		100Karsten.
Grey ditto	-		-		-	***	0		95-40	***	4.60		100 ditto
Grey ditto	-	***	-	***	-		용	***	96.85	***	8-15		100 ditto
Quality not given	95 60		3.05		98-65	***	2		96:90	***	3.10		100Svanberg
Grey	96.00	***	2.00	***	98:00				97.96		2.04	***	100 Bergman
White	98.00		1.30	***	99-20		큐		98:76		1-24	***	100 ditto
Mottled	98:40		0.80	***	99-20		4		99-19		0.81		100Gazeran
Ditto	98-80		0.20	***	99:30		-		99:45		0.55		100 Berthier
Grey	99-20		0.40		99.60		٥		99 59		0.41		100Gazeran
Mottled	99-50		0.30	***	99.70	***		***	99.79	***	0.21	***	100 ditto
The state of the s		-17	1000		1 1 2 2								The second secon

same as the proto and seequi-carbursts above mentioned, and the dark gray com-pound corresponds exactly with the hypothetical per-carburet. If any of your able correspondents, or others, would assist to clear up the discrepancies alluded to at the commencement of this communication, with the view of clearing the atomic combi-nations of carbon and iron (sulphur and phosphorus "scales" may also be instituted with advantage) from the doubts and difficulties in which they at present would ap-pear to be involved, it would sford me, and, no doubt, many others, much satisfac-tion.—Nunley-Gio, April 24.

MR. HOPKINS'S PRINCIPLES OF GEOLOGY, AND THEORY OF MINERAL VEINS.

Sra,—As a student in the science of mining I am naturally interested in all discussions on metaliferous formations, that appear in your excellent Journal. I take great pleasure in reading Mr. Ennor's remarks on the subject, insamuches his observations and experience tend to confirm the principles propounded in Mr. E. Hopkine's Geology and Magnetism, which I now study, and which are more in accordance with

may be, it is concluded that there must be not only lodes, but unequivocal indications of richnness in depth also. These notions, it is true, are encouraged more by mining jobbers than practical mero, and are, unfortunately, the means by which a deceitful and injurious system of mining is carried on both at home and abroad, at the expenies of the unwary capitalists, destructive alike to the inserts of the tenant and landlerd, as well as to the injury of legitimate using in general, and diagrace to English enterprise. It has been already stated that the rock is the papera of the mineral control of the control of th

NOTES ON MESSES. HOPKINS AND ENNOR'S LETTERS.-No. II.

Sin,—Mr. Hopkins has, in your Journal of the 14th, attempted to controvert some remarks which I made in my letter of the 31st March, but to do so fairly he ought to have quoted me literally, and adduced such facts and reasons as bore directly on my

Sin,—Mr. Hopkins has, in your Journal of the 14th, attempted to controvert some remarks which I made in my letter of the 31st March, but to do so fairly he ought to have quoted me literally, and adduced such facts and reasons as bore directly on my expression and meaning, and not to have warped my ideas to some conception of his own mind, and proceeded to illustrate them accordingly. My views on the derivation of the ordinary ores found in mineral veins are so for contrary to those set forth by Mr. Ennor, that I do not believe either of the metallic ores of copper, In, or lead, is this view until the contrary is proved by some evidence really representable to the mind, without the adventitious sid of fanciful hypotheses, or any dogmas advanced from incorrect or partial observation.

Mr. Hopkins may have seen cupreous matter issuing from the purple slates of Veraguas, but does not say whether it was solely derived from the country proper, or proceeded from a proximate lode; had he traced it to its true source, or extended his investigations further and more generally, he would most probably have found the latter supposition to be correct. He admits the copper to be precipitated in the lamina and joints of the rocka, observes that the joints of the soft stanniferous grantie of Cornwall are impregnated with schorl and tin, that he has seen flakes of silver abounding I take country (query, joints of country), notices the copper deposits surrounding Lake Superior, and inferentially concludes that true mineral lodes are the exceptions silver found in the country, will directly prove against Mr. Ennor's theory, and that silver found in the country, will directly prove against Mr. Ennor's theory, and that silver found in the country, will directly prove against Mr. Ennor's theory, and that silver found in the country, will directly prove against Mr. Ennor's theory, and that silver found in the country, will directly prove against Mr. Ennor's theory of the formation of the surrounding the finite formed in a moist silica

TREATMENT OF GOLD-BEARING MINERALS, &c.

.—I have carefully examined Mr. Hopkins's communication, in your last week's al, and find nothing there advanced to invalidate anything that appeared in my iast paper; indeed, it appears to me that that gentleman has entirely mistaken my views, for he states that in my endeavour to prove that mineralised gold exists in nature, I "appear to have come to this conclusion because gold has been found so extremely divided as to be often in an impalpable and invisible state, and sometimes in solution, or obsentially combined with an alkali."

Now, in this Mr. Hopkins is in error. I have never admitted the so-called "impalpable gold," or gold "chemically combined with an alkali," or the state he terms that of "saturation," because each seem to me too vague and indefinite to lead us to imaging any absolute. ast paper; indeed, it appears to me that that gentleman has entirely mistaken m

palpable gold," or gold "chemically combined with an alkali," or the state he terms that of "saturation," because each seem to me too vargue and indefinite to lead us to imagine any absolute and particular state of existence.

I simply wished to show by the quotation from Mr. Hopkins's letter that, although he held the long established opinion that gold was always found in the metallic state, at the same time he admitted that it might exist in some other state, the so-called state of saturation, &c., or, in other words, it was metallic gold no longer, or, as I have already expressed it, gold in a state of chemical consistation. Again, as regards gold "chemically combined with an alkali" existing in nature, I believe that gold never does so exist, but that it simply exists when not in the metallic state, or the state in which the greatest portion can be extracted by simple washing, in a state of chemical combination with sulphur, arsenic, tellurians, or other electro negative elements, or with a mixture of two or more such alements.

Admitting this position, which seems to me the only natural one to arrive at, it can be readily understood that all the gold so entering into combination cannot be removed by washing, or any other mechanical means, until that particular state of extireous is destroyed and broken up by stronger chemical and electrical affinities (or by that peculiar affinity that mass exercises under particular circumstances, in which a smaller quantity of decomposing substance would have no effect) than those which caused the anion.

This change as I stated in my last paper, is commonly induced by the exposure of the finely ground gold-learning mineral to the action of almospheric alirand moisture, but which change, as I shall show in a future paper, may be simply and at once induced, so that, under ordisary elements, one operation will strip such mineral; of all their gold—that it to say, all the gold practically speaking, because in all operations on the large sole there must always be a certain l

rations on the large scale there must always be a certain loss and waste of mineral, more or less, according to the nature and extent of the manipulation the substance.

Mr. Hopkins states "an expert gold washer can always show gold in his batea from all auriferous compounds known in South America—viz., quartz, Iron and copper pyrites " " containing either in the rough or in the residue only 4 dwts. per ton, and that by mere grinding and washing. Small as the resulting produce must be in a sample (say, 10 lbs. weight), yet we find it to be not a mineral in the ordinary sense of the term, but impalpable metallic gold, which could not have been separated by simple machanisal means had the gold been chemically combined with a mineralising compound." If Mr. Hopkins will refer to my paper, he will find I specially dis-

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when come as we could I one nates ther have in led ask, we follow the lution cast of the second could be seen to t

posing I his control of the control

cisim the epinion that all the gold in the usual gold-bearing minerals or orea raise in the metallic state. I have not only stated, that by the mere fact that a porting the contained gold is separable by washing would sufficiently disprove the assertist that I supposed all to exist in the metallic state, in which condition it can be separated by mere washing; and another portion exists as a chemical combination, before it can be obtained by washing and another portion exists as a chemical combination, before it can be obtained by washing.

As regards my superience of gold washing? I sannot claim to be very expert, set have been enabled to find the presence of gold when the mineral containing that all did not contain more than 4 data. Of metallic gold to the ton. I, however, shapper prefer to ascertain the total amount of gold present by assay, which process is the gold to the large scale is employed, and a fair campling of the mineral made.

Again, Mr. Hopkins states—" that pure gold is never found amongst metallis made in minerals from both districts, and have published the same statement, as the real in minerals from both districts, and have published the same statement, as the real in minerals from both districts, and have published the same statement, as the real in minerals from both districts, and have published the same statement, as the real in minerals from both districts, and have published the same statement, as the real in minerals from both districts, and have published the same statement, as the real in minerals from both districts, and have published the same statement, as the real in minerals from both districts, and have published the same statement, as the real in minerals from both districts, and have published the same statement, as the real of my own experiments, in the 2d edition of my Manual of Assaying. Here, I amaintain that a metal held in solution is a mineral; but, at the same time, I do not state that in the ordinary sense of the term a solution of a mineral is an ore. I have not th

THE ORES OF GOLD.

THE ORES OF GOLD.

Sin,—Although the pith of Mr. Hopkins's argument is difficult to extract, yet there are several statements in his letter in last week's Journal which so contradict hissertions of a few weeks back that I cannot let them pass unnoticed, as thy my mystify many people, who are only beginners, upon this important subject. In Mr. Hopkins's answer to Mr. Byer's first question, as to what was gold is sintation, we were told it was an alkaline solution, whereas last week the saturdis was made to encompass not only the chemical combination of sulphur, Iron, and sid, but fine metallic gold, when in an impalpable powder, and instead of an alkaliar slution, the word alkaline compound has been substituted, and he has given to hashy one specific rate of 8 dwts, to the tom. By what evidence or what speciens estimated such a rate is arrived at I am at a loss to account, unless he was thinking the 5 dwts. of gold he told Mr. Byers to dissolve, and which experiment he has sivet been able to accompliah—waiting for further instructions from Mr. Hopkins. The chemical combination of either iron, copper, lead, or sine, &c., with subject and gold is not a saturation of gold, for I never yet examined a specimen is white more gold might not have been held in the same state. The mechanical mixture a fine powder of gold with any rock, earth, or sand, cannot possibly be a state of acturation big arrived at only when it holds so much water that it cannot absorb any more; alto muration caid may become saturated with rain, the point of saturation his artived at only when it holds so much water that it cannot absorb any more; alto muration caid may become saturated with rain, the point of saturation his artived at only when it holds so much water that it cannot absorb any more; alto muration caid may become saturated with rain, the point of saturation.

As to what Mr. Hopkins anys about pure gold, water may become asturated with solutions of the saturation was a construction of the saturation with a saturation was a survated

CALIFORNIA, AND GOLD MINING.

CALIFORNIA, AND GOLD ALTHOUGH A CALIFORNIA, AND GOLD ALTHOUGH A CALIFORNIA, AND GOLD ALTHOUGH A CALIFORNIA, AND GOLD A CALIFORNIA, and this not because the gold or silver of which it is composed could possibly be offensive, by the noxious draught which the spoon contained, and which draught he or the value obliged to swallow, noless colens, inght have been—may, no doubt, was—highly offensive to the juvenile palate. Even so it is with Californian gold mining. Theris the gold but so many quacks have been plying their "leprous distillates," as make the draught so offensive to every right and proper feeling, that people has turned away from "the golden medium," with a lively sense of the past, and strett from a repetition of the dose. But men are enabled by experience to choose it physician whose prescriptions are salutary, and whose draughts are neepled aduly honoured.

from a repetition of the dose. But men are enabled by experience to draw whose prescriptions are salutary, and whose draughts are secepted and thy horoward.

It is some little time past since I replied in your columns to a wholesale condemnation of gold mining in California, by a reference to an individual mine, the Osparily on account of its being a piece of ground which I had surveyed for the your chaser, and, therefore, had already satisfied myself as to its nuriferous prospect, as partly bocause I happen to know that the said purchaser is desirous of the cooperative assistance of a respectable English company, the better to carry out his design, with an extended capital, machinery, &c.

When I left California, the shaft of the Oso was some 5 or 6 fathoms deep, saiful of water; since then I find that Mr. M'Kay put a small english to unwater the shaft of the long of the cooperative states of the cooperative states of the cooperative states of the Aqua Fris Gold Mining Company. I think I have a right to the mine and explore the mine, under the able direction of Capt. Williams, who is the mining and explore the day and the safety of the Aqua Fris Gold Mining Company. I think I have a right to be mine astisfied with Captain Williams's report, inasmuch as he took precisely these site which I had already recorded, about the same time, in your Journal, and he has replicated by a clearly, by actual, practical trial, that after allowing 50. a day for current expensions of particular that the actual the site of the cooperative of pumping, and a small one for driving six beads of stamps. So, also, will be clear that the mine would soon supply sufficient material for 24 beads stamps, and thus raise the profit to more than 7200.c avek.

The following is a copy of Capt. Williams's report, which I received by the ismall, and by which I that the reliance of the cooperative of the cooperative of the will be sufficiently avident that I had not formed an extraviant of the cooperative of the cooperative of the profit of more th

Totaes, April 23.

**Real Policy 25.

**April 26.

**Apri

Signo worth of gold. The ground is soft and favourable, and not containing large quantities of iron, with the gold thickly beganged in minute particles.

At the depth of the crees-cut a course of auriferous ground had been laid open life, wide (including the shaft and cross-cut veins), running nearly north and small right angles through a channel of greenstone, which is the nothern dank of alor mountainous ridge. These veins I have traced morthward from the shaft a disass of 300 yards, and southward, up the gulch, 150 yards.

I would strongly recommend that the shaft be sunk to the depth of 100 ft., a being cross-cut driven to intersect the veins, which would give 60 ft. of backs to steps, and which, I have no doubt, will yield a handsome profit. A chead stamps concessed it on of the ore per hour. The mine will supply the works with water throughed the year, and there is abundance of wood in the immediate neighbourhood.

Patrick N. M'Kay, Eq.

P.S.—You must please to permit me to add some additional corroborative evident of the varied yet great richiness of the Oso, with the names of my authorities ideas of gold per ton of \$200 lbs., J. Arthur Phillips; 11 cas. 15 dwts. you apply the properties of the varied yet great richiness of the Oso, with the names of my authorities ideas of the Chement; 8% one, of gold from a part of the surferous vein weighing it as, 10 has H. Chement; 8% one, of gold from a part of the surferous vein weighing it is not not provided by the contract of the contract assures me that St. I. Charles Lunay, assayer at the Mint. Mr. John H. Chement assures me that St. I. Arthur Phillips are averaged that of any quart gold in Chiefent and the provided that of any quart gold in Chiefent and the provided that of the provided by letters upon this substitute that the provided by letters upon this substitute of

Bra,—As so much of your space has been already occupied by letters upon this sellget, I do not know whether you will deem the few following remarks worth your insurvals to opeseral, to not know whether you will deem the few following remarks worth your insurvals to opeseral, to sell the sell that th

NEWSPAPER

he slow, or present the appearance of rolling over and over; it would be, if occurring at all, "quick as lightning." Then Mr. Henwood suggests that "the extraordinary chemical action" of catalysis might acreve to ignite inflammable vapours right be ignited nuclew or other. As Dr. Farrady says, in a recent work, "the expression catalysis has, indeed, been applied to this phenomenen; but names are not knowledge." and truly, as Graham has remarked, "lie would be unphilosophical to rest satisfied by referring seeb phenomena to a force of the existence of which we have no evidence." The fact is, it would be bester, before venturing so many guesses upon the subject, to institute experiments and observations, and to determine whether ordinary agencies, such as we trace and acknowledge every day, will not suffice to explain the facts quie as well as entalysis, or polar force.

Welserhampton, April 21.

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PRACTICAL MINING.—FACTS AGAINST THEORY.—No. III.

insiding experiments and obser vations, and to destrains when tapes the supposite the first quit as well as catalysis, or polar force.

Rischwarpton, April 31.**

PRAOTICAL MINING.—FACTS AGAINST THEORY.**

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PRAOTICAL MINING.—FACTS AGAINST THEORY.**

PRAOTICAL MINING.

**PRAOTICAL

MINING IN THE TAVISTOCK DISTRICT.

Sin,—Since writing my former letter, I have noticed your remarks on the Tavistock telegraphic despatch, and at which I am not at all surprised. Will it be a caution to the public to th

LATE WHEAL PROCKTER, NOW TREWANE.

LATE WHEAL PROCKTER, NOW TREWANE.

Sin,—Having sold many hundreds of shares in this hitherto unfortunate and mismanged concern, I deemed it a duty I owed myself and my clients (being in Cornavill), to make all possible enquiry into the state and prospects of this affair, and I am triy gatified to be able to say the promoters have at length taken steps to set the nine to work, according to the promise in the prospectus. With this view, they have arranged with Mr. Procketer's assignees, so that no interference from that quarter can of the engine. Captain Richards will be on the mine next week, to let the nocessary of the engine. Captain Richards will be on the mine next week, to let the nocessary. The mine will henceforth be called Trewane, on which part of the mine the engine excel, and where the beautiful lead that has been sold was raised from the Sarah lode. This captain Richards will be described by the promoters, and when it is known had been in the state of the mine are liquidated by the promoters, and when it is known had mine will be under the management of Capt. Walkhards, of Redruth, can guarantee that the mine will be conducted as it ought to be. The known qualway been completed before now, but no strangement with Mr. Procketer's assignees would be arrived at.—April 23.

G. Hawwoos.

WELSH POTOSI MINES.

WELSH POTOSI MINES.

Na,—One of your correspondents, "A Welshman," asks for the date of a sales of list tons of lead, which, he says, you (the Mining Journail) have no account of. Had for "A Welshman," been a shareholder, he would have had the date given him in his the tong of the property which was some time in January last. If was shipped early in February, a large that the convenience of the purchasers, Messrs, Walker, Parker, and Co. 'sa coceptance for the same, in large had in my hands Messrs, Walker, Parker, and Co. 'sa coceptance for the same, and have had in my hands Messrs, Walker, Parker, and Co. 'sa coceptance for the same, and in my hands Messrs, Walker, Parker, and Co. 'sa coceptance for the same, and the same paid, and the same paid in my hands Messrs, Walker, Parker, and Co. 'sa coceptance for the same, in the same parkers of the same park

not properly been worked. Having resumed dressing operations, 50 tons of lead were sampled and sold on the 20th, to Messrs. Sims, Willyams, and Co., for 13t. 18s. 6d., being 13s. 6d. per ton higher than the sale in January.

Present Prospects.—Within the last fortnight very important discoveries of new mineral lodes, or extensions, have been made, the old lodes remaining as productive as every, with no sign of being otherwise. The No. 1 great lode has widened to an enormous extent, whilst No. 3, downwards, is proving very important. The machinery, which had been stopped creeting, in consequence of the frost, is now being completed, and, with the aid of the old machinery alone, we expect another sampling of lead in a few days.

The above may be relied upon as a fair statement of the present position of the company's property, which any persons desirous of publishing the truth must confirm on visiting the mines; and from this the public may properly infer that the proprietors think well of their investment.—Manchester, April 25.

A DIRECTOR.

LEAD MINING IN THE WEST RIDING OF YORKSHIRE,

and sover may be rented upon as a fair statement of the present position of the company's property, which any person decisions of publishing the trust must confirm on think well of their investment.—Manchetter, April 25.

LEAD MINING IN THE WEST RIDING OF YORKSHIRE.
Six,—Having in my last uken you hastly through the Patiety division of this inleing district. I now resume the subject by introducing to your notice the ground insumediately to the west of that the by the Vorkshire Mining Company. This ground, is made that the productive in the township having an interest in the minerals. Many of the veins that have been productive in other mises in the district must pass through this ground, at the part of the productive in the township having an interest in the minerals. Many of the veins that have been productive in the township having an interest in the minerals. Many of the veins a that have been productive in the township having an interest in the minerals. Many of the veins a company of the productive of the part of the

LOCAL RATING OF MINES.

LOCAL RATING OF MINES.

Su,—Our county Members are about bringing a measure before Parliament which, if the mining classes were adequately represented, would never be attempted—a measure to sap the greatest branch of Cornish industry to the root; one which will, if carried out, speedily destroy a great part of the people's employment. The aim appears to be to conciliate the farmers for the loss of their unjust corn laws, by throwing more of their legitimate taxes on other branches of industry; I say of their legitimate taxes, for is it not notorious that the mines and miners pay their full share of local taxes already? Is not every cottage, inhabited by a miner, saddied with poor and way rates! And in every mining district these rates so paid by the mining population will more than balance all calls on the parish for relief from that class, and all wear and tear of parish roads by the mines or their carriage; and from whence omes the money to do this? Why, from the mines working, the price of labour being always higher in the mines than the farmyard. But it has been said that the working of mines tend to increase the poors' rates: it is, indeed, strange how men can make such a false assertion, knowing that facts will prove the reverse. For instance, look at Great Wheal Vor, lately put to work. The poors' rates there, before the mines started, were 6s. 8d. in 11.; after it began to work they almost immediately fell to 3s. in 11., and by this time I have no doubt but they are still lower. So much, then, for the absurd notion of the working of mines increasing the poors' rates. It is also said that, in consequence of the peculiar nature of mining in Cornwall, the labouring miner is exposed to diseases and accidents, which induce a premature inespecity to support himself, and a greatly diminished longevity. Granted; but the peculiar nature of Cornish mining also induces a premature capacity in young people and children to support themselves, often keeping their widowed mothers and worn out fathers from the parish b are not obliged to stop working long before about to sink into the grave, and this period is often provided for by benefit societies and male cube. They talk of the numbers of sine provided for by benefit societies and male cube. They talk of the numbers of sine provided for by benefit societies and male cube. They talk of the numbers of miners' families relieved, compared with other classes: this however, to be conclusive, should be accompanied with a statement of the amount of poors' rates paid by miners compared with the amount paid by other classes. If this is done, it believe you will generally find that the miners already pay more than their fair share of local burdens. Again, the supporters of this measure endeavour to give additional force to their argument by reckoning up the number of children left depending on their argument by reckoning up the number of children is the number and their arguments by reckoning up the number of children is the support, and by actually counting in the number and is the respective parishes for support, and by actually counting in the number and is the respective parishes for support, and by actually counting in the number and is the support of the company. As we have the support of the company had been carry out the object of another concession, which company had been carry out the object of another concession, which company had been carry out the object of another concession, which company had been carry out the object of another concession, which company had been carry out the object of another concession, which company had been carry out the object of another concession, which company had been carry out the object of another concession, which company had been carry out the object of another concession, which company had been carry out the object of another concession, which carry out the object of another concession, whi

property. But mining has also been a source of wealth to all nations who have ever engaged in it—the Macedonians, Carthaginians, and Romans, with many other nations of antiquity, were enriched by it. Every wise Government of the present day encourage it; and the promotion of mining adventure has hitherto been the decided policy of our own, and why?—because the production of minerals have not only been to found exceedingly beneficial to the State, and the nation at large, but also because it is from its very nature usually attended with an amount of risk and uncertainty greater than will be found in most other branches of industry; and, without unusual advantages, people will not run extraordinary risks; hence the soundness of the policy of unshackling, as much as possible, mining adventure. But the whole of the present scheme appears rather a queer one; for, at the moment when our county are representatives are about bringing forward a measure to assimilate the laws regarding frish mines with those at present existing in Cornwall. The state of the case appears to be, that Irish mines are locally rated, while Cornish mines are locally rated, while Cornish mines are not; and so fond are both parties of change, that the people in Cornwall desire the same of the case appears to be, that Irish mines are locally rated, while Cornish mines are locally rated by one of uncertainty of the case and the profits of the case arguments tell on both stokes I cannot drive, but we shall, no doubt, be an activate of the case of t

RATING THE LORDS' DUES IN MINES.

Srn.—As this subject is about to be brought before Parliament, I take the liberty of forwarding the following statement:—Last year the attention of many ratepayers in this neighbourhood was called to the subject, and a committee of the guardians of the Truro Union was formed, of which I had the honour of being chairman. On enquiry, we found that formerly the royalties in mines were reserved in kind, which reservation was commonly known by the name of "a dish," and that they had, which thus reserved, in variably been assessed to the relief of the poor. Some years since, in the case of fax a, Tremayne, it was decided that a money payment in lieu of due was not rateable. In-consequence of this decision, nearly all the new leases set out a certain proportion of the profits of the mine to be paid in money to the owners of the land; and in many cases the old lesses were cancelled and new ones executed. Feeling the mainfest injustice of exempting mining proporty, however valuable. In-consequence of the roads, we sent patitions to Farliament, from all mining parishes in the county; these were numerously signed by persons of all classes, and were presented to the House of Commons lassession by the different members for the county. I believe the number was 35, from as many parishes in the county.

I was in correspondence with Mr. Baines, who was then, and I believe still is, the president of the Poor Law Board; he fully acquiesced in the Justice of our demand. Mr. Kendail took up the matter with much energy, and has now given notice of the introduction of a bill to charge the dues of mines with all parochial burdens.

I have every expectation that this measure, so much called for, and so evidently just, will pass through Parlament without any serious opposition.

LIMITED LIABILITY VERSUS THE COST BOOK SYSTEM.

LIMITED LIABILITY VERSUS THE COST BOOK SYSTEM.

Sir,—While considering the unlimited liability under the Cost-book System, we must not fail to point out those powers under it which enable adventurers to withdraw at any time from an adventure on paying their share of the liability then existing, or receiving, on the other hand, their proportion of the ascertained value of the property at the time of withdrawal. This is in the spirit of the common law of partnership. Therefore the body of adventurers constitute a partnership, compressing active and sleeping partners; and as the committee of management represents the active partners, so the sleeping partners represent the general body of adventurers. This arrangement is, no doubt, sound in principle and practice, but a power is wanted which will fully protect the aleeping partners, or general body of adventurers, against sohemers, speculators, and others interested in fleecing the unwary, who may succeed to obtain a share in the management, because it must be borne in mind that there are but too many who, with apparently fair names and reputations, do not hesitate to commit fraud, by misrepresentations, fulsome promises, trading in false mine reports, and even misappropriations, so long as they can mise, trading in false mine reports, and even misappropriations, so long as they can mise the summary of the summary of

ROYAL AMSTERDAM WATER COMPANY (RHINE SUPPLY).

ROYAL AMSTERDAM WATER COMPANY (RHIDE SUPPLY).

Sir,—At a meeting of shareholders of this company, on the 18th inst., it was set forth by Mr. C. Nicholson, formerly one of the directors, that "when applied to to become a director, he had been told by the concessionaries that the concession then offered for the formation of this company was the only one in existence, but that, to his surprise, he soon after learnt that there was another concession extant, and which was subsequently brought into operation." Now, there is no mistaking the object of this assertion. It implies deception practised by the concessionaries, to the detriment of those who have embarked in the enterprise, and which, had I not been requested by others, interested in the matter, to refrain from saying anything at the meeting, I should have taken it up, then and there, on the part of the concessionaries alluded to, and myself, as a promoter of the company, to show the shareholders that Mr. Nicholson was thus asserting a falsehood to screen himself and two others of the English directors, who, with him, were the authors of the cause of the failure of this company.

Meetings of Mining Companies.

GREAT POLGOOTH MINING COMPANY.

A meeting of shareholders was held at the offices of the company, on Monday,
Mr. Coarnoax in the chair. Mr. Foulkes (the secretary) read the notice convening the meeting, and the fol-lowing report of the committee of management:—

lowing report of the committee of management:—
Your committee have little to report since our last quarterly meeting, beyond the steady progress of the works, confirming, as it does, step by step, the anticipation placed before you. It will be in the recollection of the adventurers, that it was expected the outlay would undergo considerable reduction in the month of February, by increased returns of tin, estimated at 5 tons additional per month; this increase has taken place. The average estimated monthly excess of outlay over receipts for the even months ending the 31st January, 1855, was 7004. In round numbers, and the actual outlay was 6704. The estimated excess for the following six months, from the 1st February to 31st July (after which it was hoped, and it is still so expected, the mine would pay its cost) was 5304, per month. The cost for February, the first month of this series, was 2504; and is estimated for the month of March at about the same. The sum you voted seems, therefore, fully equal to our wants until the mine should take care of itself. Our financial position, in round numbers, may be stated thus:

es on the mine Tin and copper ore in process of conversion, say ... Calls unpaid on 3783 shares....

induced the adventurers to support the committee up to the present time.—C. Contribus; F. Mergeries; P. D. Hadow; Alfrend Cox; George Bermingham.

The report of the agents was next read, as follows:—

April 20.—The sinking of the new shaft has been continued with all the force that could be employed to advantage; and it is now down 10½ fms. below the 106 fathom level—it is sinking on an underlay of about 4½ feet in a fm., and when sunk about 3½ fms. more will give about the same height of backs on the course of the lode as 10 fms. of perpendicular would have given; the next level will be called the 116 fm. level. The little north elvan, which generally runs near the lode, and not unfrequently for a short space disorders it, we have found mixing itself up with the lode at the shaft, and may have turned it somewhat north, but the strength and character of the lode, we think, may be gathered from the fact that the verins of the lode, which are interspersed through the elvan, are rich for in, and one sample of about 100 sacks made a produce of 4 cwts. From this cause, although the shaft cannot be called hard, yet it has been bad for blasting and tedious to get through; we hope to be down to the 116 in about six weeks from this time, which will not be far beyond our former calculations; we shall then drive immediately, and employ another pare of men to timber and secure the shaft, and to cut the plat. The 106 had been driven east from No. 1 winze 15 fms., and all that we have seen of the lode here fully answers, and we may justly say exceeds, our expectations: it would appear that we are at this point in the very heart of the run of tin which has been so often referred to; the lode is opened for nearly 8 fathoms in length—it will average 5 feet wide, and will produce 10 cwts. of tin per 100 sacks, and the present end is very good: a pitch is working saxt, contiguous to No. 1 winze, at 1s. dd. in 1l. of the real value of the tin, and two other pitches are working between the shaft and this winze—the No. 1 pitch, whic

The subjoined statements of accounts were then submitted :-Mine cost for Dec., Jan., and Feb. £4840 15 4 | Balance to 14th April. | Balance to 14th April. | S1460 0 1 | 1051 14 0 | 1054 1 7 | 1064 1 7 | 1074 1 0 0 | 1711 10 0 | 1711 10 0 | 1742 2 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1742 2 | 1 Bills receivable Cash
Profit and loss
Suspense account
Third call, due on 6846_shares 0 0= £6211 15 8 Capital Purser's account (balance) £5583 2 7 ... 628 13 1= 6211 15 8

Mr. Allendra and they had been a long time paying, and wished to know when they were to expect dividends I—Mr. Hanow said, information they could give, but anticipations they could not guarantee.

The Chairman said the committee especially avoided holding out expectations; but as far as they had gone the result had greatly exceeded the anticipations, which formed the reason for renewed exertions. He thought after July they would have golden prospects.

Mr. Browns said his opinion was—but they must take it as an opinion—that from the ead of July they would require no more money, and in a very few months afterwards would be making a profit. The returns had increased from 14 to 20 tons; but as it would not be advisable to put more men to work in the 106, large additional returned of the season of the seaso

TRELEIGH CONSOLIDATED MINING COMPANY.

The half-yearly general meeting was held at the offices, Old Broad-street, on Wed-seday. Mr. C. H. Ashley in the chair.

TRELEIGH CONSOLIDATED MINING COMPANY.

The half-yearly general meeting was held at the offices, Old Broad-street, on Wednesday,

Mr. O. H. Assilary in the chair.

Mr. Nicholaon (the secretary) read the notice convening the meeting, the minutes of the last, which were confirmed, and the following report from Capl. J. Prince:—

April 23.—In reporting on this mine, I have no reason to alter the favourable opinion I expressed at the last half-yearly meeting, respecting the result which will be obtained by a proper development of the Good Fortune lode, in the vicinity of the great cross-course; and the metalliferous veins met with both in sinking and driving, rich yellow copper ore prevailing, seems to confirm this opinion, because where such veins are found approaching a lode, it is always found more or less productive. Carr's engine-shaft has been sunk 33 fathoms below the surface, which, allowing for the fail of the hill, makes it equal with the deep adit in the eastern working, 42 fathoms deep. It is now in ocurse of sinking in most favourable ground, by nine men, a cross-cut has been extended north at the 20, to cut Good Fortune and shanger lodes, and we fully expected to have reached the former cra this, but the works were suspended for several weeks in consequence of the water. The englas and boller from Garden's shaft have been thoroughly repaired, and made equal to new, and the whole machinery put to work in a satisfactory manner. The cross-cut is extended 9 fms. north of the shaft have been thoroughly repaired, and made equal to new, and the whole machinery put to work in a satisfactory manner. The cross-cut is extended 9 fms. north of the shaft at the water the state of the control of the shaft of the control of the shaft of the control of the shaft of the shaft of the control of the c

X NORTH DOWNS MINING COMPANY.

The half-yearly meeting of proprietors was held at the offices, Old Broad-street, or Vednesday, Mr. C. H. Asulky in the chair.

The half-yearly meeting of proprietors was held at the offices, Old Broad-street, on Wedinesday,

Mr. C. H. Ashley in the chair.

Mr. Nicholson (the secretary) read the notice convening the meeting, the minutes of the last, which were confirmed, and a special report from Capt. John Prince, which stated that at the last half-yearly meeting there was a good course of ore in the 90 fm. level; but the 100 consisted of very hard quarts, in which no copper or other mineral was likely to exist. Although, at one time the soft part of the clean was worth 40l, per fm. it soon disappeared; and under the hard elvan the lode was 6 tt, wide, but consisted of a radiated milky quarts, not likely to yield minoral, and under the circumstances it was recommended to abandan the workings on this part of the property. That the valuable piece of ground at East North Downs could not be developed unless the great body of water issuing through the country adit was dammed back; that, consequently, two dams had been constructed capable of resisting a pressure of 500 lbs. on the equare inch, and found perfect. Bennett's shaft had been sunk to the 10 fm. level; a cross-cut driven, and the mine got into a proper state of working. Captain Prince recommended to drain the mine by Garden's engine, to enable them to prove the lode in the bottom of the 20 fm. level; and by keeping the water at Christoe's down to the 70 they would reduce the consumption of coals from 100 to 60 tons per month, and employing two engineme instead of three. Good Fortne and Shanger lodes had been so productive that scarcely any ground had been left; that he did not recommend to work on these lodes at present, but that eventually they would prove a valuable acquisition, and as a large engine will not be more expensive than a smaller one, it was prudent; that when the adventurers would become much pleased with a mine of which he entertained the most favourable opinion. It will convinced that the time was not far distant when the adventurers would become much pleased with

CHAIRMAN called attention to the favourable character of the report, and he lered the works should be prosecuted with vigour, to accomplish which a call of

considered the works should be prosecuted with vigour, to accomplish which a call of los, per share he thought was necessary.

Mr. Mocatta considered a los, call too large: there were still some arrears which onght to be paid.

Mr. Micholson produced the statement of arrears, and it was shown that the small amount due would be immediately paid.

The Chairman said they could not do with less than 10s., which would raise about 900t, and when their debts were paid they should have little more than 400t in hand for current expenses.

The report and accounts were then adopted, the call made, and a vote of thanks passed to the chairman.

CARVATH UNITED MINING COMPANY.

The first general meeting of shareholders was held at the offices of the co 53, Old Broad-street, on Wednesday, the 25th inst.,

Mr. James Condy in the chair.

The Chairman said he would call upon the secretary to read the notice convening the meeting, and the reports.

Mr. W. C. Foulkes (the secretary) then read the notice, and the following reports and accounts:—

and accounts:—

In calling you together at this the first general meeting of shareholders, our object is to make you fully acquainted with the state of the property in which you are respectively interested. In the first place, as regards the fulfilment of the engagements entered into by the promoters, as set forth in the prospectus—vix., "To secure the leases; to crect a steam-engine and all necessary buildings; to provide pitwork, surface materials, and plant; to draw out the water to the bottom of the mine, and clear up and secure the engine-shaft, according to specification, for the sum of 10,000t,," your committee beg to report that, notice having been received that these works were completed, one of their number (Mr. Cundy) was appointed to visit the mine, and to inspect the works, with a qualified surveyor, appointed on the company's behalf, previous to a settlement being made with the promoters. Mr. Cundy, with the company's surveyor, secordingly visited the property on the 14th of February ult. Their reports were deemed satisfactory, and payment of the contract was, therefore, made. In the second place, your committee desire that you should be made acquainted with the state of the present workings, and this cannot be more clearly shown than by reading the captain's report, which is as follows:—

April 21.—We are extending the 35 fm. level cast and west on No. 1 lode (which

by reading the capitain's report, which is as follows:—

April 21.—We are extending the 35 fm. level east and west on No. 1 lode (which has been intersected by the other lodes to the south in the upper levels); the character of the ground is good, but the lode is not very wide as yet, it is containing good tin, but so far we have not found much copper; very probable a few fms. driving will show better prospects. We have communicated the 12 fm. level with the eastern shaft, and shall now be enabled to explore the new shoots of ore discovered eastward, where we expect good returns. The various stopes are producing a pretty deal of tinstuff, and the new stamps have commenced working. We have nearly 20 tons of counse, ore diseased. We are now hall sense attaching distribution of the content of the sense.

tinstuff, and the new stamps have commenced working. We have nearly 20 tons of copper ore dressed. We are now busily engaged attaching flat-rods to the engine to extend to the north shaft to drain the north lode, which I am anxious to prosecute, it being a large mineralised olde, 7 or 8 feet wide, imbedded in a beautiful stratum of ground, and all taken away by the ancients from surface to adit level (to a great extent), as deep as they could go with hand-pumps, which cannot be many feet. When I consider the great extent we have on this lode, and the facilities for opening it out, I feel persuaded we shall have a profitable and lasting mine.—J. Wash. Thirdly,—As respects not the least important feature,—vis., the financial position of the company, which is as under:—

lat June, and the remainder on the lat Sept. They would not need 10s. at presmi; but in about six months they might require steam-stamps, which it was necessary to have the money ready for. They had good prospects for the future; indeed, lew mines presented such favourable results as this, considering the time they had worked it. He congratulated the shareholders in being pos-essed of se valuable a property. But Mr. Browne, the purser, was present, and would be happy to give any information that might be required.

A SHARKHOLDER would feel obliged if he would give them some information. Mr. BROWNE said he represented 4000 shares in the undertaking, and had, therefore, great interest in its weifare. On opening the mine, they considered their researches should be directed to the north lode, and in his opinion it was the champion lode of the mine; it had been worked extensively above adit. They were also continuing their operations on the south part, and he hoped that in a short time they would have good results from both this and the north lode. The north was at in lode, of superior character. The stamps they had would return the tin they were now raising, but with sincreased amount of tin they would want money to put up steam-stamps. They had a pile of instuff at surface, and in a few months they would be making some returns. They had some tin (a specimen of which was on the table, and was called ruly tip better than he had ever seen—except on one occasion. They had a branch of the about 8 in, wide, and they had about 5/a ton at surface—it was very valuable. On the north lode the tin was as good as any in the neighbourhood. They would use the new capine for drawing as well as for the examps, and the expense of the stimps would be about 1500l. The amount which would be asved by substituting steam-would be about 1500l. The amount which would be avered by substituting steam, a lower for horses would about pay for the coals for the engine.

A SKARKHOLDEN observed that, as he understood, they were preparing for conti

A SHARKHOLDER observed that, as he understood, they were preparing for contingencies, but they did not mean to erect the engine until they saw whether it was necessary!

The CRAIRMAN said that was the fact; and the calling for the instalment was for the object of vigorously procecuting the mine. It was perfectly understood that the shares were of 3J. 2s. 6d., but he did not think that after this payment of 2J. 10s. there would be any necessity for further calls.

Mr. BROWNE confirmed the chairman's attement, as he felt confident that the shareholders would not be called on for any further payments.

The reports and accounts were then unanimously adopted, and it was resolved;—
That the first instalment of 10s. per share be made payable to the company's account at the London and Westminster Bank as follows:—viz., 5s. on the 1st June proximo, and 5s. on the 1st September following.

Votes of thanks were then given to the chairman and to Mr. Browne, which having been acknowledged, the chairman declared the meeting dissolved.

DEVON TIN MINES COMPANY.

A meeting of shareholders was held at the offices of the company, Barge-yard Chambers, Bucklersbury, yesterday,—Mr. Carv in the chair.

Mr. Nussaw (the secretary) read the notice convening the meeting, and the minutes of the last, which were confirmed.

Capt. James Thomas's report was next read, as follows

Balance in favour of mine .. £97 12 0

WHEAL ARTHUR MINING COMPANY.

A meeting of the shareholders was held on Thursday, at the offices of Messrs. Walon and Ensor, 2, Artillery-place, Finsbury,

Mr. ALFRED RICHARDS in the chair.

A meeting of the shareholders was held on Thursday, at the offices of Messrs. Watson and Ensor, 2, Artillery-place, Finsbury.

The notice convening the meeting having been read, the report of the committee, of which the following is an abstract, was submitted:

"The statement of accounts for February and March shows a balance of assets over liabilities of 28871. 16s. 1d. The committee recommend you to declare a divident of 10s. per share out of such balance. As regards working the recerted ground, the committee meeting held on the 18th of the strip brought for the recerted ground, the committee these to remind you that the subject was their brought of order to acquain themselves with the effect of the proposition of the strip of the str

stuff none can be made merchantable. The machine-shaft will be sunk to me out of the lode.

Warnow's Lode.—We intersected the great cross course, and have driven through it is fine. It is the side, towards the western part, which is heaved north 3 fms. or mending the consume above the side of the western part, which is heaved north 3 fms. or mending driven the log of the western part, which is heaved north 3 fms. or mending driven the log of the wester is very trifling, and the engine does not consume above 7 cwts. of coal in 24 hours. We do not advise the sinking of the engine-shaft on this lode, below the 100, as the flat-rod shaft, on the north, will be the principal shaft; and after the 120 is reached, a cross-cut driven south 20 fms. would have treased the 0ft is does the log of the western the 10th lode. March ore was sold at public telesting, at Truro, on the 19th instance and the 10th lode. March ore was sold at public telesting, at Truro, on the 19th instance and the 10th lode. The copper ore sold in February and March, including carriage, amounts to 21801.; while the cost for these two months, including all materials (and 1461. for dues) amount to 15981; consequently there is a profit of \$527. on the two months working.—T. Carpentes, mending and the two months working.—T. Carpentes, mending and the two months working.—T. Carpentes, as one of the represent; or it might be so six months send. The Chairman said it would be seen that the committee had devoid a great deal of time and attention to the subject, but, after the report of Capt. Prince, and arroport which they had also received from Capt. Carpenter, they did not feel justified in coming to a definite arrangement, and had, therefore, again referred the matter to greater and the they be also received from Capt. Carpenter, they did not feel justified in coming to a definite arrangement, and had, therefore, again referred the matter to greater meeting.

Mr. NORTHEN, as one of the representatives of the Wheal Edward Company, will they were drawing up

be discussed over again, and with the same result; for they would have to deal with the same wavering and conflicting reports.

The Charakas observed that, after all, it was only a matter of pounds, shillings, and petos; Capt. Carpenter being of opinion that they ought to have 30s. a fathom, instead of the sum offered—vin., 22s.

After a protracted discussion, it was resolved, upon the motion of Col. Visillet, that the matter be referred back to the committee.

The Charakas observed, that it would be seen by the report of Capt. Carpenter and Mr. Watson, that they had some very valuable stuff in the mine. The next sampling would be larger than any they had yet had. It would also be seen that they had rather a larger balance at their bankers than on the last occasion. The accounts had been examined by auditors, and their signatures were attached.

The following is the statement of accounts for two months ending March:
Balance last account.

£ 699 7 2

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 Balance at bankers
 £699 19 8

 ABBTS.—Cash at bankers.
 £ 699 19 8

 Bills receivable at bankers.
 967 11 10

 Due for carriage of ore
 146 8 7

 Ore for sale (computed)
 1147 10 0 = £2961 10 1

 LABILITIES.—Due on old dividends
 30 12 6

 Due on eight dividends
 14 0 0

 Due to secretary
 8 8 0

 Dus to committee
 2 2 2 0

 S. Richards.
 3 3 0

 London stationery
 15 8 6 = 73 14 0

POLITIMORE COPPER MINING COMPANY. X

The fifth half-yearly meeting of shareholders was held at 20, King-street, St. James's, on Wednesday, Mr. Charles Henraez in the chair.

Mr. Choff (the secretary) read the notice convening the meeting, and the follow-

POLITIMORE COPPER MINING COMPANY.

The fifth half-yearly meeting of shareholders was held at 20, King-street, 8.1-James*, on wichoeslay. Mr. Chanasa Haxasas in the chair.

Mr. Chorr (the secretary) read the notice convening the meeting, and the following report of the committee:

— The committee have to inform the shareholders, that since the last general meeting the workings of the mine have been carried on with activity, but not with so man't vigor as we could have desired, avising from our resources having become in the company of the mine having sold any one, which we contemplated to have desired, avising from our resources having become in the company of the first having sold any one, which we contemplated to have desired, avising sold any one, which we contemplated to have desired and the same of the contemplate of the same share we not give for not having sold any one, which we contemplated to have desired and the same of the same share and the same share a share a state of the same share and the same share a share a state of the same share a share a state of the same share a share and the same share a share a state of the same share and the same share a state of the same share and share a share a share a state of the same share and share a sh

law would not allow them to forfeit the shares, and the marginiered sharcholiders could come forward and claim to share with those who had paid, sett they were body and the la. per start and claim to share with those who had paid, sett they were body what measures should be adopted, whether it was desirable to go on, or wind-up, and measures should be adopted, whether it was desirable to go on, or wind-up, and the could be respected to the could be forward to the could be forward and the could be respected.

Mr. Morrarr and it was desirable they should take the advice of the chairman, by coming forward and repromising to the call, which we did not be specified to one or the could be before and the respect to the call, which we made not be specified to one or the could be before the mine was in a position to the call which we made not be specified to one or the could be before when the was an a position position. The paid to one of the could be shortly were of opinion that, to fully deviate the mine was in a position of the could be shortly were of opinion that, to fully deviate the mine, which or 500%, entitled to the could be shortly were of opinion that, to fully deviate the mine, which or 500%, entitled to the could be shortly were of opinion to the extent of 26 per chare.

Mr. Baaras had strongly advecated the call, although he did not know whether the could be shortly to be shortly the could be shortly to the mine as it now the could be shortly to be shortly the could be shortly to the shortly the could be shortly to out only the could be shortly to the whole the could be shortly to out only the paid to the could be shortly to out only the paid to the could be shortly to out only the paid to the could be shortly to out only the paid to the could be shortly to out only the paid to the could be shortly to the could be shortly to out only the paid to the could be shortly to out the could be shortly to out the could be shortly to out

fixed by the deed at four, be varied, and be in future five.—That Major Gregory Lewis Way be, and is hereby, appointed a director of this company.—That John David Barry, Esq., be, and is hereby, appointed a director of this company.—That this meeting, in exercise of the power given by the 13th clause of the Deed of Settlement, binds the company and every shareholder thereof to the resolutions passed this fay.

The Charkman then observed that they had transacted the business of the day, and a vote of thanks having been given to, and acknowledged by him, the meeting separated.

SORTRIDGE CONSOLS MINING COMPANY.

SORTRIDGE CONSOLS MINING COMPANY.

A general meeting of shareholders was held at the offices, Winchester-buildings, on Thursday,

Mr. Hill in the chair.

The notice convening the meeting having been rend, the Chairman expressed his regret at the absence of Mr. Thomas, the chairman of the committee; but he was happy to say that his task was an easy one, as their financial statement was most satisfactory, and the present position and prospects of the mine highly encouraging. He further informed the meeting, that a most favourable opportunity having offered for obtaining from Lord Fortescue's lesse of a piece of ground to the east of their sett, into which their lodes dipped, they had availed themselves of it, and secured the purchase for the comparatively small sum of 2001. From the smallness of the amount, they had not considered it necessary to wait the sanction of the shareholders, as the committee thought the value of the ground exonerated them for the steps they had taken. There was nearly 30001 in hand after providing for May, and nothing to pay until June next; and the mine was now paying current costs.

Mr. Joseff explained that the next month's cost-sheet would be heavier, on account of timber to be employed in the erection of the engine-house; and the month after heavier still, as the balances on that account would have to be paid. Altogether, the engine-house would probably cost about 3001; but he was happy to inform them that, during the next three months, the samplings will increase in value, though the working costs will not increase in proportionate amount.

The Secretary then read the following report, from Capt. Metherell:—

April 25.—In handing you my report for the meeting to-morrow, I be lefeve still we shall have more ore on the foot or north wall when reached, which will be proved next well, but the lode may certainly be said to be worth 200, per fm.; and I believe still we shall have more ore on the foot or north wall when reached, which will be proved next week. The eastern end in the 30 f

Balance last account	£175	0	7			
Calls	3000	0	0			
Copper ores sold	1307		6			
Discounts	26	2	4=	£4508	19	5
Labour cost (three months) Lord's dues	£1492	18	10			
Discount on carriage	3	16	8 ==	1580	17	7
				-		-
Balanco in hand				00000		40

BRITISH AUSTRALIAN GOLD COMPANY.

A meeting of shareholders was held at the London Tavern, Bishopagate-street, on Thursday,

Mr. Prinser in the chair.

The Secretary read the notice convening the meeting, and the following report of the directors:—

A meeting of shareholders was held at the London Tavera, Bishopogate-street, on Tharsday, Mr. Parsus: in the chair.

The Scourrany read the notice convening the meeting, and the following report of the directors:—

Your committee of management regree extremely that they have the nupleasant task of conveying to you intelligence from Rendigo of the most disappointing character, and that task is all the more paintal, because of its violent contrast with the hopeful nature of their address on the last occasion of meeting you. Our despatches were then up to the middle of Nov. 1834, when Mr. Dyer, notwithstanding the accident to the machinery, which had obliged him to seek for a new casting at Melbourne, expressed his perfect which we then laid before you. Thus sanguine views of Mr. Dyer were then also, and have since been, aupported strongly by the opinions of genilemen who had been on the apot, and who still confidently believe that a very pr flatable yield may be extracted from those deserted diggings, and the adjacent deposits. By the last mail, however, we have received despatches from both Mr. Dyer and our compriber, Mr. James Littis, and the support of the state of the state of the state of the labourers and assistants, who were seeking to obtain a Judgment and execution against your property, lent to Mr. Dyer for this experiment. The laste of this legal process against him is still unknown to us, but we have some hope that Mr. Little will be able to save the property of the company from the consequences of Mr. Dyer's inproduces, in thus running himself into debt. The limit of his credit from hence was from this company; he cannot, therefore, be exonerated from the indiscretion of pushing on the work so far beyond his means, even under the sanguine notion that he doubtless entertained of soon realing a sufficient quantity of gold to make up he arrears. It is the more disappointing to find that even now his experiment remains altogether unproved, for the accident to the machinery, we obtain the property of the

directors now asked for the advice of the shareholders, as to what course should be pursued; the same amount, within a trific, being in hand as at the last meeting. In justice to Mr. Dyer, he would state that the comptroller, Mr. Little, had visited the spot, and examined the accounts, which he found correct, with the exception of a want of economy in going backwards and forwards, but that only amounted to about \$31\$. They would remember, that the second day the machinery, purchased of Messar. Medwin and Hall, was erected it broke down from a flaw in the mitre wheel, which compelled him to go to Melbourne to have another east. In the mean time Mr. Dyer employed the men upon other work, and from his daily report there was no doubt he had budyed himself up with the idea of immediate success. The only fault he had to find with Mr. Dyer was not giving fall information of his position; as, in November estated he had sufficient to carry on operations, expecting that one week's work would more than pay his arreavs. Mr. Dyer borrowed the machinery, and 20001, and he (the chairman) could not understand how they could obtain a judgment and seize the machinery. However, the directors now came before the shareholders to ask them for advice as to how they should proceed. There were three proposition to be considered; the first was, whether they should send out the gentleman who offered his services at the last meeting, and was now in attendance and willing to go, offered his services at the last meeting, and was now in attendance and willing to go, the second was to await the arrival of the next mail, to know their position with regard to the machinery; and the third was to wind-up and divide the assets. The committee scarcely knew what course to recommend, but would throw themselves upon the shareholders for their advice and guidance, under the extreme difficulties in which they were placeed.

Mr. GUNDALLA said, according to private advices he had received, the failure was attributed to Mr. Dyer getting into debts?—Mr. GUN

stated, and on the 8th the mitre-wheel broke, thus destroying, no doubt, the hopes that Mr. Dyer had, that the returns would relieve him from the debts he had incurred. He did not believe 100% out of the 2000%, entrusted to Mr. Dyer had been appropriated extravaganity.

Mr. Green wished to know from the solicitor to the company whether the shareholders would be liable for any debts beyond the amount now in hand?

Mr. Chappell, said under no circumstances would the shareholders be liable for anything, for this simple reason—they did not know who they were: partice might hold 1000 shares to-day, and none to-morrow. Whatever liability might be incurred, the directors were alone responsible.

The Chainman said, there was no doubt, if they exceeded the amount at their command, the directors would be liable for any debt beyond it. He would now propose that the report be received and adopted.

Mr. Guedalla seconded the resolution, and observed that the direct ms had given a most straightforward account of their proceedings, and the exact position of their affairs.—The resolution was unanimously carried.

A Sharbholders shid, he considered it the duty of the committee to carry out Mr. Dyer's proposition before they went to any further expense with Mr. Michel, as, under present circumstances, they ought not to expend money in new experiments.

Mr. GUEDALLA said, he had no confidence in Mr. Dyer.

The Chairman thought, in fairness to Mr. Dyers.

Mr. Hones for a part that the machinery in Melbourne is still available, the committee be requested to take such steps as they may think fit.

Mr. RUDINO seconded the resolution.

Mr. GUEDALLA said, Mr. Green had elicited a most important fact—that the shareholders could not lose more than the amount of their shares. He represented a large body of shareholders, who had given him their proxies, and instructed him to support making further efforts, in preference to winding-up. From what he had heard, he had no confidence in Mr. Dyer, and should, therefore, and instructed him to sup

Mr. Micriz: having addressed the meeting at some length, detailing his plan, which has already appeared in the Mining Journal, the amendment was carried, with two dissortients.

The Chairmar said, the brother of the Lord Chief Justice of Melbourne was in attendance, who, he believed, would give them some interesting details of the probability of success in the colony.

Mr. G. M. Streften, vice-president of the Geological Society of Victoria, and F.G.S. of London, said the latter honor was conferred upon him in consequence of bringing over the first specimens of crystalised gold from the colonies. He had also brought over precious stones, and he believed the colonies would be distinguished as much for levels as gold, having in his possession some valuable stones, brought to him by a humble miner. He fully concurred with the chairman, that the operations had not been fairly tested, and it was from want of system they did not succeed. Gold mining could not be carried out successfully except by companies, as private individuals would take a claim 8 feet square, dig a round hole, and leave the remainder to prevent its falling in and crushing them; although it might be in the richest district, it must be, therefore, apparent that they left more than they took away, and to prove it, Mr. Kinnear, whom he considered a most eminent metallurgist, and two other scientific gentlemen, experimented upon some of the debris left by the miners, and obtained more gold than they did. It was evident to all the colonists that there must be a combination of labour, mechanical contrivances, and chemical skill; but he stated, with unfeigned regret, that enormous sums of money had been wasted in theory. He believed Mr. Dyer's intentions were bone field, but the mishaps that had occurred to him were enough to confound the wisest and test man, and the greatest mistake he had made, was not employing Mr. Kinnear, as he believed, at the present inne, they ought to have been paying large dividends.

(Mr. Stephen, in the course of his address,

Mining Correspondence.

BRITISH MINES.

ALFRED CONSOLS.—The lode in Field's engine-shaft, sinking below the 130 fm. level, is just as reported last week.—vis., worth for copper ore 20i, per fm. I believe the north and south parts of the lode in the 130 fm. level, east of this shaft, are united, and is now worth for copper ore from 50i. to 60i, per fm., and apparently improving. The lode in No. 2 winze, sinking below the 120 fm. level, east of this shaft, is worth for copper ore 730i, per fm., and, no doubt, will soon improve, and equal the lode in the 130 fm. level end. The lode in the 120 fm. level, east of this shaft, is just as reported last. The lode in the 80 fm. level, east of this shaft, is just as reported, and having a promising appearance, containing a small quantity of copper ore, but not of sufficient quantity to value. All the other parts of the mine are just as last reported.—M. White: April 23.

ALTARNUN CONSOLS.—The circular came safe to hand, and we have suspended operations both in the shaft and in the stopes. It is a great pity that we are not allowed to sink the engine-shaft a few fathoms deeper; the ground is much easier for sinking, and the lode still going larger, and of a very different nature from what it has been; and I believe we shall not sink far before we shall have a large lode again. We must not expect a very productive lode for copper before we have sunk through the different layers, and get down in a more settled stratum; then the lode will be settled, and productive, if at all so. To prove the lode, we must go deeper; as it is, it is a promising lode untried. We can get 2 tons of tin ready for the market by the time I stated in my report of the 10th inst. We have about 200 sacks of work to haul up, spall, and stamp, besides a quantity now at the surface. I believe, when we have stamped and cleaned it ull up, we shall have 2½ tons of tin; this we shall do as quickly as possible. We have also several fathoms of ground to secure in the bottom of the 10 fm. level, where we have been stoping; it is just under the boiler-house. If the water should be left in, and this not done, we are in danger of running down our boiler-house and engine.—Busse. We shall make the ground firm before we stop the engine.—B. REYNOLDE; W. NORTHAM: April 23.

BEDFORD UNITED.—There is no alternation in the 130 fm. level in the past week.

engine.—R. REYNOLDS; W. NORTHAN: April 23.

BEDFORD UNITED.—There is no alteration in the 130 fm. level in the past week. In the 115 fm. level east the lode is 4 feet wide, worth full 6 tons of good ore per fm. We are driving by the side of the lode in this level west; the atopes in the back of this level are worth 7 tons of ore per fathom. In the 103 fm. level east the lode is 3 feet wide, good saving work. Jackson's stopes, in this level, are still worth 6 tons of ore per fathom. No lode taken down in the 80 or 90 fm. levels. We have a very promising lode in the 35 fm. level east; it is about 2 feet wide, composed of fine gossan, quarts, and stones of black and grey ore.—J. Phillips: April 25.

Whim shaft, the wince staking the state of the past week.

san, quarts, and stones of black and grey ore.—J. FRILLIPS: April 25.

BOLENOWE.—In the 20 fm. level west the lode continues 1½ ft. wide, with occasionally stones of grey and black ore.—W. Roberts: April 21.

BORINGDON CONSOLS.—The shaftmen have resumed the sinking of Annie's shaft below the 36 fm. plat. The lode in the 24 end is improving, and easier for driving; the eastern stope in the back of the above level has improved very much within the past week, and from the wall we are breaking good work. All other parts of the mine are much the same as in my last. We have sent samples of our two last parcels of lead to the purchasers—No. 1, computed 9 tons; No. 2, computed 52 tons.—W. Godden: April 26.

BOTTLE HILL.—The cross-cut in the 123 is much the same as last reported. In the 112 east the lode is 4 feet wide, producing saving work; the stopes in the back of this level are producing good stamps' work. In driving west on the south lode, in the 100, the lode is 12 in. wide, composed of mundle, spar, and capel, and yielding good stones of copper ore. There is no alteration in any other part of the mine to notice.—J. Girronn: April 24.

otice.—J. CHPTORD: April 24.
BUTTERDON.—The engine-shaft is sunk 9 fms. 2 ft. below the 30 fm. level, where he eastern part of the lode is 5 in. wide, composed of can, interspersed with lead; he western part has not been taken down since last week.—W. BRYANT: April 24.

CAE-GYNON.—We have cut through the lode in the 20 fm. level east, of engine-shaft, which is 6 ft. wide, composed of blende, with a little lead ore. The men have finished easing and dividing the shaft, and are now driving the 30 west, where the lode is 7 feet wide, composed of lead ore, spar, and some blende—a very promising leds. The winze sinking under the 10 fm. level, 10 fms. west of engine-shaft, is pro-

CAMBORNE CONSOLS.—In the 33 fm, level west, on the caunter, the lodes pro-tures 1/2 a ton of ore per fm. The 20 driving west, and the 10 cast, are each produc-ng good stones of yellow ore.—W. Ronkars: April 21.

CAMDWR MAWR.—But little alteration has taken place since my last report. The tope in the 5 is improving. The cross-out in the 12 is much the same. I have been isappointed in completing the quantity of one dressed, on account of a portion of the rat having fallen in, and consequently being very short of water for a few days. I ope to fulfill my promise before the expiration of the ensuing week.—J. WILLIAMS.

hope to faifil my promise before the expiration of the ensuing week.—J. WILLIAMS.

CARREG-HOVA (LLANYMYNECH).—In the lower level, driving south-west, the lode is 4 ft. wide, with good copper in the forebreast; the lead has taken its fall lower down to another bed, so now the men are raising both copper and lead on this lode. The other set of men are raising most excellent copper in the higher level, driving south-west; this lode is 3 ft. wide, of solid copper, clean from gossan. In the higher level, driving north-east, the men came to a soft ground of gossan, so this week I shifted them to the north-east lode in the lower level, where we have been clearing the deads from the fore-breast of the lode, and exploring. I am glad to inform you since they began working on this lode they are getting good green copper, which pays well for its working. In both ends of the mine there is most excellent copper ore. The new set of men (copper miners) are raising the copper neat and clean. A bost load of copper ore will be ready for market the beginning of next week.—John Laster 1 April 23.

CARVANNALL.—At the engine-shaft, sinking under the 106 fm. level, the lode is

boat load of copper ore will be ready for market the beginning of next week.—John Leffer. April 25.

CARVANNALL.—At the engine-shaft, sinking under the 106 fm. level, the lode is 3 ft. wide, composed of mundic and iron, with small bunches of black ore. The lode in the 106, driving east, is 1½ ft. wide, producing good stones of grey ore. The tribute pitches continue to look tolerably well.—W. Roberts: April 21.

CEFN CWM BRWYNO.—The lode in the deep adit level east has not been taken down for the last three weeks, but from all appearance it is quite as good as at that point where it yielded about 12 owts. of ore per fm.; the lode in the 35 fathom level, west of Taylor's shaft, is 5 ft. wide, producing 1 ton 10 ewts. of ore per fathom. The stope over this level, 10 fms. from shaft, produces about 15 cwts. of ore per fm. In the 38 fm. level, west of winze, 70 fms. west of Taylor's shaft, the lode is 4 ft. wide, producing about 10 cwts. of ore per fm. The stope over this level; 0 fms. from shaft, producing about 15 cwts. of ore per fm. The stope over this level; 30 fms. west of producing about 15 cwts. of ore per fm. The stope over this level, 30 fms. west of shaft, is yielding about 15 cwts. of ore per fm. The stope over this level, 30 fms. west of shaft, is yielding about 15 cwts. of ore per fm. The stope over this level, 30 fms. west of shaft, is yielding about 15 cwts. of ore per fm. The stope over this level, 30 fms. west of shaft, is yielding about 16 cwts. of ore per fm. The stope of the bottom of the 12 fm. level, 15 fms. east of Taylor's shaft, is 4ft. wide, yielding 1 ton 10 cwts. of ore per fm. The water is now in fork in the 50, and we have about 9 ft. or 2 fathoms to drive to reach the lode. The dressing, &c., goes on regularly.—April 24.

CLARA.—The 20 is extended on the course of the lode from the cross-cut about

and we have commenced driving the cross-cut south to intersect the non-, went whave about 9 ft, or 2 fathoms to drive to reach the lode. The dressing, &c., goes on regularly.—April 24.

CLARA.—The 20 is extended on the course of the lode from the cross-cut about 11 fms., averaging in width for the last 3 fms. from 5 to 6 ft., composed principally of light blue slate, with a strong mixture of quarts, blende, and lead ore, yielding of the latter about 15 owts. to the fathom; there is a quantity of water coming out of the present end, which is causing the water in the eld bottoms to go down very fast; there are now 9 fms. left dry. Should this continue for about a fortnight I expect the old bottoms will be drained dry, when a communication will be effected to the 20. In this part of old mine there is a quantity of ore ground standing, and when last reported on would yield 1 ton of ore per fm. We have nearly completed our ore floors, and shall commence dressing in a day or two.—S. TREVETHAN: April 25.

CLIJAH AND WENTWORTH.—Julia Lode: The 20, driving cast of Walters's

the present cont, which is cluster to water in the sun obtions to you were? Man, the old bottoms will be drived to the 20. In this part of old mine there is a quantity of ore ground standing, and when last reported on would yield it on of ore per fin. We have nearly completed our cell force, and shall commence dressing in a day or two.—S. TRATETRAN: April 23.

CLIAHA RAD. WENTWORTH—Julia Lade: The 20, driving cast of Walters' engine-shalt, is extended about 41 fms., the lode producing good stones or ore. The summary of the control of the co

back to some advantage.—H. Williams: April 26.

EAST FRONGOCH.—Since my last the shaft has been sunk 5 feet, but I regret to say that dry weather has again set in, and the water at present is very scarce; consequently it will impede the sinking of the shaft, if there should be no change in the weather very scon. I further beg to say I have made application to Mr. Flowerdew to make a leat through Mr. Hawton's land, to bring an additional stream into our present water-course; the expense in making will be trifling; damages only 11. per year. It must be understood that we require more water now than we did last sum-

mer, the shaft being so much deeper.—T. Pascow: April 98.

EAST GUNNIS LAKE AND SOUTH BEDFORD CONSOLS.—The lode in the engine-shaft has not been taken down since last report. In the 49 fm. level west the lode is 3 ft. wide, yielding 1½ ton of ore per fathoms. In the 36 fm. level, west of Red Whim shaft, the middle lode is 2 feet wide, yielding 2½ tons of ore per fathom. In the winze sinking in the bottom of the 36, the lode is 2 ft. wide, and will yield 4 tons of ore per fm. The lode in the Red Whim shaft is 4 feet wide, yielding good stones of ore.—J. PHILLIPS, Jun.: April 25.

of ore per fm. The lode in the Red Whim shaft is 4 feet wide, yielding good stone of ore.—J. Phill.Lips., Jun.: April 25.

EAST WHEAL RUSSELL.—We have driven 6 ft. south on the lode in the 100 fm. level. At Hilchins's shaft, as far as driven, the lode is composed of caples, gossan, spar, &c., very much of the same charaster as the cross-cuts above in the other levels. The 55 cast is just the same, producing stones of ore occasionally. We have commenced sinking Homersham's shaft under the Tunnel level. Our engines are working well, and all the machinery communicated with them.—W. METHERLL: April 26.

EAST WHEAL VOR.—The 60 fm. level end we have suspended for the present, and placed the men 4 fms. behind it, to drive a cross-out south, in order to cut the main part of the lode. On sinking the winze we set last setting-day under the 50, after we got down about 3 ft., the water prevented us going deeper. The underlay in this winze being 15 inches per fathom, while the lode at the shaft, from the 50 to the 60, underlayed 3 ft. 6 fm. in a fathom, the lode must be to the south, unless it is completely underlayed 3 ft. 6 fm. in a fathom, the lode must be to the south, unless it is completely underlayed 3 ft. 6 fm. in a fathom, the lode must be to the south, unless it is completely underlayed 3 ft. 6 fm. in a fathom, the lode must be to the south, unless it is completely underlayed. The sheek of the 50 west the stopes are worth 120, per fathom. In the back of the 50 east the stopes are worth 122, per fm. These stopes are not so good as they have been, owing to their coming towards the ends where the lode is split. The stopes in the back of the 40 fm. level are worth 122, per fathom. The 40 fm. level end east is still poor. To-day I have been to the smelting-house with 5 tons I tows, 0 qrs. 22 ths. of tin; it has anount realized, you will perceive, by the enclosed tin bill, is 1971, 16s. 10d. Although there is a drop in the standard of 21, we got a better price than at our last eale, owing to the produce being higher. We

1

ESGAIR MWYN.—In the stopes in the back of the 15 fm. level, at winze, the lode has been productive throughout the week, and to-day well as at any former period. The engine shaft is clear of stuff, and commenced cutting ground for a lodge in the 40 fathom level. Cleanthis date, 28 tons 17 cwts. I have sampled 35 tons for sale on the 1st of PAULL: April 21.

PAUL: April 21.

FME DONALD.—To-day, being our monthly setting, the following is set—vix.: The Antimony level to drive west, by three men. and one be per fm.; the lode in this end is spotted with lead, but not to value. A in the bottom of this level, by four men, at 5', per fm.; the men have or ting ground, and will be in order for sinking on Monday, and by the expect to raise some lead out of this place; I shall be able, however, about it in a few days. The end to drive east on the lode south of this at 4i. 10s. per fm.; the lode is worth 4 cwts. of lead ore per fm. The west on the Smiddy lode, by four men, at 4i. per fm.; I am very glad to improvement on this lode within the last two or three days, making a glead, and very promising looking spar, at the point we have opened on the eastern hill; the lode is large, but unproductive. At the surface, I two men to sink a shaft on the lode north of the Antimony lode next week of lead which is to be seen in this lode at surface is in the valley, and of the water I must sink a little to the west.—J. Murrerr: April 219. GLANSEVIN.—Since suspending our operations in the 8 fm. level.

the sastern bill. 'the lode is large, but anyroductive. At the surface, I have two mun to sunk a shalf on the lode north of the Antimony lode next weak; the lives of lead which is to be seen in this lode at surface is in the valley, and on assume the water I must sink a little to the west.—J. Muverr: April 2.

GLANSEVIN.—Since suspending our operations in the 8 fm. level, we have a ployed two men in searching for the lode at the foot of the hill; the lode here is the wide, composed of flookan, gossan, and spar, with some small choses of ince-wide, composed of flookan, gossan, and spar, with some small choses of ince-wide, composed of flookan, gossan, and spar, with some small choses of ince-wide water and the same way promising lode. We have commenced the said, and it will give backs hat,—N. I BETROLINE: A pril 13.

GOGINAN.—The lode in the 60 fm. level, east of Gilbertson's shaft, is large, will a very promising appearance, now yielding 13 cwis, of ore per fm. The lode in the 26 fm. level, east of Gilbertson's shaft, is level, and of ore per fm. The lode in the 26 fm. level, said of Gilbertson's shaft, is level, and of ore per fm. The lode in the 26 fm. level, said of Gilbertson's shaft, is level, on opposed principally of a soft clay-lake, with a little spar and blende, but which a good course of sinking, by nine men. The water is not in forg into-shaft shaft, level, west of the boundary, but we hope it will not be long. We have been the sinking of the western engine-shaft, and the driving of the 27 fm. level, said ditto, for the present; the lode at these points is large, composed of spar, binks, and shaft, is 10 ff. wide, and the part we are carrying contains small branches of expanded the sinking appearance. The tribute producting the state of the 15 fm. level, shaft, is 10 ff. wide, and the part we are carrying contains small branches of expanded the producting appearance. The tribute of the producting appearance in the 12 fm. level, and the state of the

work, and 80 unemployed, for want of water. There are 88 stamps' heads at with HALAMANNING AND CROFT GOTHAL.—Park Lode: At Ommanney's nigne-shaft, sinking under the 80 fathom level, the lode is 5 ft. wide, with a leaser ore through the shaft, not enough to value. In the 90 fm. level, driving vest of shaft, the lode is 5 ft. wide, with good stones of ore. In the 80 fm. level, driving west of bank shaft, the lode is small and disordered, by the slide crossing it night level. In the 70 fathom level, driving west of orehard shaft, the lode is very large and promising, with frequent bunches of rish histore. The 70 fm. level, west of Bank shaft, the lode is 40 ft. wide, with good ore, but not to value. In the 60 fm. level, driving west of Crohard shaft in lode is 15 ft. wide, worth 71. per fathom. In the 52 fm. level, driving west of fishlish lode is 15 ft. wide, worth 72. per fathom. In the 52 fm. level, driving west of fishlish and, the lode is 15 ft. wide, worth 74. per fathom.—New Lode: In the 60 fm level, driving west of Higher Hilli shaft, the lode is 2 ft. wide—improving, worth 51 print for ground and Crellin's shaft continues good for sinking. Our sampling, lonenthy will be better than the last, and about 215 tons of copper ore.—J. Vivias: April. HAWKMOOR.—The eastern shaft is sunk below the 30 fm. level, 3 ft. 38 is 38

will be better than the last, and about \$15 tons of copper ore.—J. Vivia: April. HAWKMOOR.—The eastern shaft is sunk below the \$0 fm. level 2 fms. 3 ft. \$15. the lode is from 2½ to 3½ ft. wide. In the middle of the shaft the lode is not syst as we have seen it, but, on the whole, it is a very good and promising lode, alw have put the men to rise in the back of this level, to develope the floors of or sent the stopes, and to ventilate the lode eastward; the lode in the present end size, composed of spar and mundle; on the whole, a kindly lode, but nothing to the treums as they have done, as they appear to be getting toward the end of the arcturas as they have done, as they appear to be getting toward the end of the associated that the stopes between the 20 and 30, from present appearances, will not make a lap returns as they have done, as they appear to be getting toward the end of the associated that the stope is the property of the stope stope the stope stope and although a kindly lode is, as yet, nothing to value. No material alteration the pitches.—J. Kresick; J. Richards: April 21.

HEMERDON CONSOLS.—In the bottom level east there has been no lode that flown since last report. In the same level west the lode is 2 ft. wide, producing given work. We are driving by the side of the lode in the 15 cast. In the stopes is safe of this level the lode is 25 ft. wide, good work. In the stopes in back of this level the lode is 12 in. wide, saving work. We sampled 4 tons of tin on Saturday last.—is Gipponn: April 23.

the lode is 12 In. wide, saving work. We sampled 4 tons of tin on Saturday last.—
GIPPOOD: April 23.

HERWARD UNITED.—Saturday last being our setting-day I now beg to forest you particulars of the bargains set, &c. Henblas shaft to sink, at 40s. per in. sides the form of ore. This shaft measured 7 fms. below the 15 fm. level, &j. make which have been sunk during the last month; about 31/6 fms. more will bring users to the required depth for the present, when we shall commence cross-cuttag solt to cut the different veins, and air the present workings, &c. The 50 to drive costs from Roskell's cross-cut, at 190s, per fathom, for 2 fms., and 40s. per last for the present workings, and 40s. per last for the product of the surface, and 1 hope the men will consiste sinking again to morrow, at 80s. per fathom, for 1 fms., and 40s. per tall our, to meet Weyre shaft, at 190s, per fathom, for 1 fm., and 60s. per man ore. This place is rather tight at present, but I think we shall see a change for better by the time we have risen the fathom now set. There are four thus place set, at 16s. in 14., as well as the waste ores, in a fair course of working.—Jours HILL BRIDGE.—The lode in Wheal Jewel shaft is still large, and producing and the producing and prod

HILL BRIDGE.—The lode in Wheal Jewel shaft is still large, and p spots of grey and yellow copper ore. I hope to report more fully in my SPARGO: April 24.

Seance: April 24.

HINGSTON DOWN CONSOLS.—The lode at Morris's shaft is worth about 1 mo of ore per fathom. In Doidge's winze the lode is gradually improving by become larger and more orey; it is hoped an .85 fathom level will be reached by the east another month. In the 75 fm. level east the lode is much the same as for some there is no alteration. The fode in the 65 fm. level is worth 4 tons of are per fathers; in the western end of this level is the contract of the same as for some there is no alteration. The fode in the 65 fm. level is worth 4 tons of are per fathers in the contract of the fode is still producing good stones to 4 tons of ore per fm. In the 55 fm. level the lode is still producing good stones of yielding good stones of yellow and are your. In the 65 fm. level set the texts or a still holds good on the north wall of the lode, being worth from 1 to 5 tons or the following the producing good stones of yellow and grey ore. In the 65 fm. level east the transfer of the still holds good on the north wall of the lode, being worth from 1 to 5 tons of the following the producing th

ore, but no south wall yet reached,—South Lode: The lode at Intensity yielding good stones of yellow and grey ore. In the 65 fm. level east the transity yielding good stones of yellow and grey ore. In the 65 fm. level east the transit ore will be sampled on Friday next.—W. Richards: April 25.

HOLMBUSH.—The lode in the 145 fm. level west, on the Holmbush lode, is a like reported, about 2 ft. wide, carrying along with it rich branches of copper ore; it reported, about 2 ft. wide, carrying along with it rich branches of copper ore; it reported, about 2 ft. wide, carrying along with it rich branches of copper ore; it reported, about 2 ft. wide, carrying along with it rich branches of copper ore; it reported, about 2 ft. wide, carrying along with it rich branches of copper ore; it reported, about 2 ft. wide, carrying along with it rich branches of copper ore; it is reported, and a greater progress towards the index with the lode in the made. In the words the lode with lode, the lode is find 3 ft. wide, but there is no improvement as in the annex since my report of last week. The thick layer of spar in the south some interest of the lode in that place; the lode in the end driving north, on this same branch, and the lode in the place; the lode in the end driving sorth, on this same branch, and driving west of the lead lode in the lend driving sorth, on this same branch, and quarta, with occasional spots of copper ore. In the 40 fm. level cast, on this long driving west of the lead lode in this level, is 8 inches wide, composed of sustain driving with occasional spots of copper ore. In the 40 fm. level cast, on this long lode is from 1 to 2 ft. wide, composed of arsenical mundie, mixed with spots of lode is from 1 to 2 ft. wide, composed of arsenical mundie, mixed with spots of lode is from 1 to 2 ft. wide, composed of arsenical mundie, mixed with spots of lode is from 1 to 2 ft. wide, composed of arsenical mundie, mixed with spots of lode is from 1 to 2 ft. wide, composed of arsenical mundie, mixed with spots of lode

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of Grades of east of 112, we 112, we 112, we 112, we 112, we north a n PED

of the As we good question to the control of the co tle of 11s. in 1/s. The 123 tons of copper ore were sold at public ticketing the 19th inst., and realised 6301., including carriage. Judging from the 19th inst., and realised 6301., including carriage. Judging from the

sat and west of the cross-cut, hefore we proceed to cut through it, to ascertain its size and quality. All other tutwork and tribute operations in the mine are without naterial change since last report.—April 20.

LEBB TOWN CONSOLS.—We have worked the stamps for a short time, but material change since last report.—April 20.

LEBB TOWN CONSOLS.—We have worked the stamps for a short time, but mealterations were needed, and on Monday we shall commence working with 12 heads, the efficiency contemplate some further alterations, to enable us to work 34 heads; the difference on the plate some further alterations, to enable us to work 34 heads; whether the engine will carry so many time only, of course, will show. The water was not in fork to botton till yesterday morning. I am happy to inform you, our groupets have much improved this week. We have set one pitch on tribute, on Soch's lode, at 7s. in 11. We have a good lode in the 10 fathom level, east of Eley's shaft, a good lode also in sinking the same. I am glad also to inform you that we have discovered tin in the 10 east of the flooking; the lode here is small as yet, but very tile. Capt. Virian was underground bere last Tuesday, but could not go far, as the vater was not then in fork. The following is our setting list for April—vis., Eley's shaft so sink below the 10 fm. level 9 ft, to cut barrow wond, bearer holes, cistern plat, put in the same, fix the lift, secure the ground, and prepare for further sinking, by it men, at per bargain 30. The engine-shaftmen are securising the ground, which wan, of course, injured by the water being in. The 10 fathom level, to drive west of Her's shaft, by three men, 2 fms. or the month, at 60s, per fm. The sound of the process of the stamps. The summer have commenced sinking the engine-shaft to sink below to 10, set of flookan, to drive by two men, 2 fms. or the month, at 60s, per fm. The 20, cast of flookan, to drive by two men and one boy, 1 fm. or the month, at 70s, per fathom. The 10, set of flookan, to drive by two men an

par prospects so encouraging. These prospects fully justify the outlay which has been ande, and id no not doubt that the shareholders will be fully repaid. I have seen the report furnished you by Capt. Pascoe to-day, and beg to observe that I fully sours in it. I must ask the indulgine of a few days, before I give you the value per shibon of the various levels, as I intend to have assays made of the tinstuff under my you got the property of t

ANDRE WHEAL BASSET.—The lode in the 33 fm level, driving west of Grace's that, is 2fn, wide, producing 2 tons of copper ore per fm. In the 43, west of Grace's that, the lode is 3 ft wide, producing 6 tons of copper ore per fm. In the 43, west of Grace's that, the lode is 3 ft. wide, producing 3 tons of copper fm. In the 112, that of the new shaft, the lode is 3 ft. wide, producing 3 tons of ore per fm. In the 112, the state of the new shaft, the lode is 3 ft. wide, producing 3 tons of ore per fm. In the 112, it was the first of the new shaft, the lode is 2 feet wide, producing 3 tons of ore per fm.—In the Inc. GLANVILLE: April 21.

NORTH WHEAL TRELAWNY (QUETRICOE).—Coryton's engine-shaft is sunk 16 ft. under the 25 fm. level, in fravoursels killas ground. The lode in the 25 fm. level, in fravoursels killas ground. The lode in the 25 fm. level, in fravoursels killas ground. The lode in the 25 fm. level, in fravoursels killas ground. The lode in the 25 fm. level, in fravoursels killas ground. The lode in the 25 fm. level, in fravoursels killas ground. The lode in the 25 fm. level, in fravoursels killas ground. The lode in the 25 fm. level, in fravoursels killas ground. The lode in the 25 fm. level, in fravoursels killas ground. The lode in the 25 fm. level, in fravoursels killas ground. The lode in the 25 fm. level, in fravoursels killas ground. The lode in the level, in fravoursels in 115 killas ground in the level sort, in 115 killas ground. The lode in the 125 fm. level, in the last killas ground last killas ground in the last killas ground last killas ground ground in the last killas ground last killas ground gro

PEMBBOKE AND EAST CRINNIS.—We have commenced to sink a winze in the bottom of the 50, east of Hunter's, on the nerth icle, and are earrying it 9 ft. long; I for this langth it will produce a tons per fna., worth 50, per ton. It as topes in the back of the this langth it will produce a tons per fna., worth 50, per ton. It all the produce it is a significant of the signific

which he sinking of the shaft will be proceeded with with all possible dispatch. The lode in the end driving west, in this level, has a kindly appearance, and it will, no doubt, improve. The cross-cut in the adit level is now progressing favourably.—J. Cock: April 18.

— The shaftmen have completed the plat, and have now commenced sinking below the 37 fm. level. The end driving west in the level is progressing favourably. The lode is still divided into branches, some of which are of a very promising character. There is no change to notice in the cross-cuts.—J. Cock: April 25.

SOUTH WHEAL TOLIGUS.—The lode at Minhell's shaft is working much better; it is a very kindly lode, and will produce 1½ ton per fathom; in the western end there is a good branch of ore from one end to the other; the ground about the lode has changed from what it was upwards. The 90 fm. level west is looking better; the lode is 2 feet wide, with some good stones of ore in it. The 90 fm. level east is poor. The 78 fm. level west is producing some ore. The 80 fm. level west is producing some ore. The 80 fm. level west is producing some ore. The 80 fm. level west is producing some ore. The 80 fm. level west is producing some ore. The 80 fm. level west is producing some ore. The 80 fm. level west is producing some ore. The 80 fm. level west is producing some ore. The 80 fm. level west is producing some ore. The 80 fm. level west is producing some ore. The 80 fm. level west is producing some ore. The 80 fm. level west is producing some ore. The 80 fm. level west is producing some ore. The 80 fm. level west is producing some ore. The 80 fm. level west is not level, cast and west, are poor.—April 24.

ST. AUSTELL CONSOLS.—In addition to the monthly sale of nickel and cobalt ores, it has also just sold a parcel of that very scarce and valuable mineral, uranium. All these ores are of extremely scarce production in England, and at the present time it is believed that in England they are raised from 8t. Austell Consols alone. Of nickel and cobalt ores

adit level 7 fms., stented at the lode good at this point also, your mine will be indeed very valuable, and of long-standing, being quite new, and perfectly whole to the surface. Joseph Fillis: 3-ppill 6.

VALE OF TOWY.—Clay's Engine-Shaft: At the diagonal shaft, sinking under the 10 fm. level, the lode is 20 in. wide, producing \(\frac{1}{2} \) acts of lead ore per fm. In the 30, driving north, the lode is 40 in. wide, producing \(\frac{1}{2} \) acts of same level, driving morth, the lode is 2\(\frac{1}{2} \) feet wide, producing 2\(\frac{1}{2} \) wits. The many some than 2 feet per fathom, as it is above the base on the seen taken down in the past week. In the 20, driving north, the lode is 2\(\frac{1}{2} \) ft. wide, producing 30 owts, of lead ore per fathom.

WELSH POTOSI MINES (Candioansine).—Esgain-Hir and Esgain-Hir and Es No. 5, in adit, is progressing very favourably, and yields 2 tons of lead ore per fm. The new stope to the eastern end of the above, under No. 5, has a promising appearance, yielding at present 2 tons of lead ore per fathom. The 10 fm. level, driving west, about 40 fms. east of No. 1 stope, in adit, has greatly isaproved eince my leat report, as we turned the end a little south, and intersected the fode, which produces excellent stones of lead ore. We have not yet cut through the lode to the south vall; by so doing we expect to lay open a great deal of ore ground; it yields at present 11g ton of lead ore per fathom. The 16 fm. level cross-cut to new ungine-shaft I have suspended for the present, on account of the water. filling. The weather has been so dry this last week that we could not get sufficient water to work the pumping-wheel.—Esoatm-yaarry: In the cross-cut, north from the deep adit, under shallow adit, we have intersected a lode, with a very promising appearance, which shows good stones of lead ore. We have not as yet out through the lode.—Middlernow Minke: I cannot report favourably of the deep adit; we have out through the lode, which shows a slight mixture of lead ore.—Leuraddler : The winze is down? fins under the adit, it produces good stones of lead ore, and has a very promising appearance.—Richard Duny: April 26.

WEST ALFRED CONSOLS.—The north part of the lode in the 75 fm. level, west of old aump-shaft, is 4½ ff. wide, and rapidly improving as it nears the ore ground in the level above, producing 2½ tons of copper ore per fm. Philp's shaftmen have commenced to cut through the lode in the 75 fm. level, where, from indications, it expect to find it more producing 2½ tons of copper ore per fm. Philp's shaftmen have commenced to cut through the lode in the 75 fm. level, where, from indications, it expect to find it more producine than in the level above (65); abould the bounch of ore west of the said shaft lengthen in proportion from the 65 to the 52, as it did from the 55 to the former level (6

when present end, are worth 201, per fin. The slopes east of boundary winner, in the bottom of the 55, are worth 14.5 per fin., stoping at 34.7 lbs, per per fin. The boist in a when hast reported on.—38. Nonant. April 25. who, much of the mine theracter was a when hast reported on.—38. Nonant. April 25. who, much of the mine theracter was a when hast reported on.—38. Nonant. April 25. who was the book at 15 feb. with, and the winner of the 15 feb. with the 15 feb. with, and the winner of the 15 feb. with the 15 feb. with

about 1½ ft. wide, composed principally of spar; searcely anything has been done on this lode, our object being to push on with all force towards the great north-lode; the cross-course has a beautiful appearance, containing rich copper ore. There is nothing new in our tribute department since my last report.—A Barasty: April 27.

WHEAL TEHIDY.—The lode in the diagonal shaft, sinking under the 80 fathom level, is ? foot wide, with stones of ore, and a further increase of water. In the rise above the 80 fm. level the lode is 1½ ft. wide, producing 2 tons of ore per fm. The lode in the winuse sinking below the 70 fm. level is 2 feet wide, producing 1½ ton of ore per fm. In the 95 fm. level, driving both east and west on the canner lode, the lode is 1 ft. wide, containing stones of ore. Opening at those points has drawn the water from the flat-rod shaft, 12 fms. distant. In the 25 fathom level, south from engine-shaft, we are opening west en the lode last cut, which is 5 ft. wide, with capel, mundle, spar, and stones of ore. In the 80 fm level, driving west from diagenal shaft, the lode'is 1½ ft. wide, at present unproductive.—D. Larkshuux: April 21.

WHEAL TREFUSIS.—Engine Lode: In the 44 west the lode is yielding atomes of copper ore.—Field Lode: In the 13, east flounds of copper ore. In the 34 west the lode is yielding stones of copper of Reyland's shaft, the lode is placed in this part of the mine is improved. The tin pitches on the sugine lode are still yielding a fair quantity of some of tinstuff per fm., of low quality. Reyland's shaft is sinking below the 10 fm. level, by eight men, down about 10 ft. below the evel. The tin pitches in this part of the mine is improved. The tin pitches on the expine-lode is such 6 fms. 3 ft. 3 in. below the 105 tinsted.—Carksexex: April 25.

WHEAL TREELEAWNY.—Smith's engine-shaft is sunk 6 fms. 3 ft. 3 in. below the 105 tinsted.

of tinstoff.—Z. Carrers: April 25.

WHEAL TRELAWNY.—Smith's engine-shaft is sunk 6 fms. 5 ft. 3 in. below the 165; the lode in the sorth end at this level is 20 in. wide, worth 104, per fm. We ask driving south on the course of the lode, but cannot as yet say anything as to its value. In the south end, at the 68, the oray part of the lode is 15 ook wide, worth 44, per fm. In the south end the lode is 15 in. wide, worth 54, per fm. In the wines, sinking below this level, the oray part of the lode is 6 in. wide, worth 54. per fm. Chippens

dale's shaftmen are cutting the trip plat at the 88 fm. level. This being done, we shall resume sinking the shaft at once. The lode in the north end of this level is 15 inches wide, worth 35, per fm.. In the 40 fm. level the men are removed from driving south, to drive north of the cross-cut, on the course of the lode.—South Mine: In the 120, south end, the lode is 20 in, wide, worth 135, per fm.; the north end is suspended for the present. In the 107 fm. level, south end, the men are still working on the cast part of the lode, where it is worth 35, per fm.; in the north end the lode is 2 ft. wide, composed principally of can, spotted with lead. The men are removed from the rise in the back of the 92, to sink in the bottom below the 82 fm. level. The stopes and pitches are much as usual.—W. Jekerin; T. Gerepell: April 24.

WHEAL TREMATYNE.—The boundary engine-shaftmen have completed cutting plat, fixing penthouse, &c., in the 103 fm. level, and commenced sinking under the same level for bearers and cistern, to fix a drawing lift; the lode in the bottom of said shaft is 6 in. wide, producing occasional spots of tin, but not to value. In the 103 fm. level, cast of the same shaft, on Allen's branch, the branch is worth 54, per fm., and the ground a little easier for driving. The stope in the back of the same level is worth 64, per fm. The stope in the back of the 3 fm. level, east of Allen's branch, are worth 94. per fm. The stope in the back of the 3 fm. level, east of the same shaft, on Allen's branch, are worth 94. per fm. The stope in the back of the 35 fm. level, east of the same shaft, on Allen's branch, are worth 94. per fm. The stope in the back of the 35 fm. level, east of the same lode, in the 50 fm. level, east of Arlbur's shaft, on the same lode, the lode is 1 ft. wide, producing stones of tin, having a kindly appearance. The stopes in the back of the 35 fm. level, east of the 30 fm. level, east of malicial shaft, on the same lovel, east of middle providence centine-shaft, and opening some tin ground,

R. ROSKILLY: April 25.

WHEAL ZION.—The shaftmen having completed the plat in the 80 fm. level, we shall now commence sinking, and also put four men to drive south to prove the middle lode. The 66 cross-cut south is without alteration. In the 50, east of the great cross-course, we have not intersected the lode; however, from the great in erease of water flowing from the end, we expect to cut it in a day or two. In the 40 weet, on middle lode, the lode is much the same as last reported, producing small stones of ore. The lode in the 30 west continues to produce saving work; the lode is the 30 east is producing about 1½ to no fore per fm. The tribute pitches are without material alteration since last report. The walls of the engine-house are erected, and the roofing will be completed by the latter end of next week. We shall sample or Friday next 60 tons of copper ore.—J. Bray: April 25.

ASSAYS FROM THE GREAT CAMBRIAN MINING COMPANY: From No. 6 lode, quartz strings, 13 ozs. 9 dwts. 12 grs. of fine gold to the ton. From No. 8 lode, lead and blende ore, 14 dwts. 10 grs. of fine gold to the ton.

JOHN CALVERT: 189, Strand.

The result from 256 lbs., broken down by Mr. Calvert, from No. 6 lode, will appear in our next week's Journal.

RAILWAY TRAFFIC RETURNS.

ENGLAND .- Subjoined are the traffic returns of the various English lines for

\mathbf{or}	the last week:	1855.		1854.	
	London and North-Western	£56,189		£55,040	
	Lancashire and Yorkshire	19,356	*******	19,001	
	London and South-Western	15,351	********	14,809	
	London and Brighton	14,344		14,391	
	Midland	25,840	*******	26,895	
	Great Western	27,300	*******	23,756	
	North-Eastern	29,948	********		
	South-Eastern		********	19,030	
	Great Northern	20,215	*******	16,437	
	Chester and Holyhead	5,027	*******	4,531	
	Manchester, Sheffield, and Lincolnshire	8,626	*******	8,046	
	East Anglian	862	*******	821	
	Eastern Counties, Norfolk, and Eastern Union	22,125	********	21,102	
	Bristol and Exeter	6,205		5,328	
	Exeter and Crediton	180		113	
	Shropshire Union	613	*** *****	794	
	Birkenhead, Lancashire, and Cheshire Junction			2,285	
	Manchester and South Junction				
	Newcastle and Carlisle	3,031			
	East Lancashire	4,789	********		
	Oxford and Worcester	3,007		3,014	
T	hese figures show the following aggregate results:— Receipts. Miles	open.	verage	per mile.	
	1855 P969 877 490	01/			

... 4390 % Considering that the corresponding week of 1854 was Easter week, the conclusions to be drawn from the above figures are very favourable to the present season. It is probable, however, that this result is in great part attributable to the recent visit of the Emperor of the French, which caused a large influx of visitors to London.

Scotland.—The returns on Scotch lines are:— Aberdeen Caledonian North British Rdinburgh and Glasgow Glasgow and South Western Scottish Central Dundee and Perth	£ 2,207 10,914 4,671 4,753 5,170 2,425		10,693 4,553 5,557 5,510 2,250 873
Total	£31,062		£31,416
IRELAND.—The Irish returns are:— Belfast and Ballymena Belfast and County Down Cork and Bandon Waterford and Kilkenny Dublin and Belfast Junction Great Southern and Western	257 262 210 1,060	*******	295 200 224 936
Total	£9,362		£8,372

RAILWAY TRAFFIC.—The returns of railways in the United Kingdom for the week ending April 21, amounted to 376,6051., and for the corresponding week of 1834 to 369,8374. showing an increase of 15,7481. The gross receipts of the eight railways having their termin in the metropolis amounted for the week ending as above to 175,0484, and for the corresponding week of 1854 to 166,2061., showing an

above to 173,0484., and for the corresponding week of 1854 to 105,2064., showing an increase of 8842/.

The increase on the Eastern Counties Railway amounted to 10234.; on the Great Northern to 37774.; on the Great Western to 35444.; on the London and North Western to 11497.; and on the London and South-Western to 5424.—total, 10,0534.; but, from this must be deduced 1567, the decrease on the London and Blackwall; 484. on the London and Brighton; and 9894. on the South-Eastern: together 11934.; leaving the increase as above, 88442.

The receipts on the other lines in the United Kingdom amounted to 201,5474., and for the corresponding week of 1854 to 194.6314., showing an increase of 69064 in the

the increase as above, 88421.

The receipts on the other lines in the United Kingdom amounted to 201,5471., and for the corresponding week of 1854 to 194,6511., showing an increase of 69061. in threecipts of those lines, which, added to the increase on the metropolitan lines, make the total increase 15,7481., as compared with the corresponding week of 1854.

BRITISH JURORS FOR THE FRENCH EXHIBITION .- The Lords of the Committee of Privy Council for Trade and Foreign Plantations having been requested by the Imperial Commission for the French International Exhibition to appoint forty ordinary jurors, and ten supplementary jurors, to take part in the deliberations of the general juries of the industrial part of the Exhibition, have nominated the fol-

ordinary jurors, and ten supplementary jurors, to take part in the deliberations of the general juries of the industrial part of the Exhibition, have nominated the following persons:—

Class I. Mining and Metallurgy.—Jurors: W. J. Hamilton, President of the Geological Society; Warington Smyth, F.G.S., Professor of Mining and Mineralogy in the Government School of Mines, and Inspector of Mines in the Ducby of Cornwall.

Class IV. Machinery in General as applied to Industry.—Jurors: George Rennie, C.E., F.R.S., Cornsponding Member of the French Institute, and Chairman of Jury on Machinery in 1851.

Class V. Bailway Machinery, Coaches, and Harness.—Jurors: T. B. Crampton, C.E., Engineer to the Submarine Telegraph between France and England, for railway machinery; Right Hon. Lord Shelburne, M.P., for coaches and harness.

Class VI. Machinery for Workshops.—Juror: W. Fairbairn, C.E., F.R.S., Corresponding Member of the French Institute, and Juror in 1851.

Class XI. Heat, Light, and Electricity.—Jurors: C. Wheatstone, F.R.S., Professor of Experimental Philosophy, King's College, corresponding member of the French Institute, Dr. Neil Arnott, F.R.S.

Class X. Chemical Manufacture, including paper.—Jurors: T. Graham, F.R.S., Cass X. Chemical Manufacture, including paper.—Jurors: T. Graham, F.R.S., Maater of the Mint, corresponding member of the French Institute, and deputy chairman and reporter of the chemical jury 1851; Warren de la Rue, F.R.S., reporter and juror in Exhibition 1851. Supplementary Juror: Dr. Hofmann, F.R.S., Professor of Chemistry to the Government School of Mines, and juror and reporter in the Exhibition of 1851.

Class XIV. Civil Engineering.—Juror: T. Moulson, the Master Cutler of Sheffeld. Supplementary Juror: J. J. Mechl, F.S.A., juror in Exhibition of 1851.

Class XV. Steel and its Products.—Juror: W. Bird, deputy-chairman of jury on iron in Exhibition of 1851; R. W. Winfield, manufacturer in Birmingham, and holder of a Council Mede of 1851.

Class XVI. General Medal-work.—Juror: J. Hartley, Eq.

Che Mining Market; Prices of Metals, Ores, &c. METAL MARKET, London, April 27, 1855.

Sheathing and botts p. lb.	0 1 2	Brass (sheets)p. lb. Wire	1 0%d. 11%d.
Old (Exchange)	0 1 3	SPELTER.	Per Ton.
Best selectedp. ton 12	6 0 0	Foreign	3 0 0
Tile		In sheets	8 00
TRON.	per Ton.	TIN.	
	0- 7 15 0	English, blocks11	1 0 0
		Ditto, Bars (in barrels) 11	
* Stafford, in London 8 10		Ditte, Refined11 Banea11	
+Bars ditto 8 0		Straits nom. 10	
	0-10 0 0	TIN-PLATES.	
	0-10 10 0 0-5 5 0 I	CCharcoal, 1st qua. p. bx.	
		X Ditto 1st quality	
	0-7 00 I	C Ditto 2d quality	1 86-1 90-
	0-6 10 0 1	X Ditto 2d quality	1 14 6- 1 15 0
ditto, Swedish, in Lond. 14 0			1 56-1 70
Pig, No. 1, in Clyde 3 1	0-3 16 I	X Ditto 81	1 11 6- 1 13 0
LEAD,		Canada platesp. ton	14 0 0-15 0 0
English Pig 22 5		In London ; 20s. less at	the works.
	0-23 10 0		Called March
Ditto red lead		Tellow Metal Sheathing	p. lb. 1136d le
Ditto patent shot 25 10		Vetterstedt's Pat. Met	p.cwt. 2 2 0
	0-22 0 0 8	tirling's Non-lamina-	
	ne.	ting, or Hardened,	9 0 0- 9 2 0
PORRIGN STEEL.	8		5 50
Swedish, in kegs to arriv.18 0	0 1	coughened Pigs Glasg.	
	0	Ditto Wales	4 00-4 50
English, Spring 22 0	0-24 0 0 I	ndian Charcoal Pigs	6 10 0
QUICKSILVERp. 1b. 1s 10	d-1s 11d	in London	0 10 0
• In Liverpool, 5s. per ton lest At the works, 1s. to 1s. 6d.	per box less.	In Liverpool, 10s. per ton In Liverpool, 6d. per b	less. ox less.

REMARKS.—The Metal Market has undergone but slight variation in prices. Sellers generally are firm, and the demand steady for copper, lead, tin, and tin-plates, but there is only little doing in iron, spelter, and steel. Corren.—There is a good business being transacted in this metal; smelters are extremely firm; and orders for sheet have been given out

smelters are extremely firm; and orders for sheet have been given out more extensively.

IRON.—In English bars, trade has improved; prices are unaltered. Staffordshire qualities are still neglected. Scotch pigs during the week advanced to 61s. 6d., ewing to the increased shipments, but have since gradually declined to 60s. and 60s. 6d., mixed numbers, cash; good merchantable brands f.o.b. in the Clyde.

IRAD.—Beyond a few contracts that are already in hand, there does not appear any pressing enquiry, although holders seem rather anxious to obtain better prices. The market closes steadily at our quotations.

SPRITER.—Notwithstanding the very small stock now here, the market has a tendency to decline. A parcel of 50 tons is reported to have changed hands at 22l. 16s., which price was quoted on 'Change to-day; but nothing transpired.

hands at 22l. 16s., which price was quoted on Change when, thing transpired.

TIN.—English in demand at fixed prices. The market is not quite so firm for Banca; about 30 or 40 tons has been transhipped to America. In Straits, nothing new to report.

TIN-PLATES.—Merchants have been buying more freely, both of coke and charcoal, and present prices are likely to be maintained.

STEEL.—Swedish keg has declined, for arrival, 10s. per ton; there are about 100 tons offering at 18l., but without buyers.

QUICKSILVER.—As before.

GLASOOW, APRIL 26.—Anticipations of large shipments again made an improved market for pig-iron in the early part of this week. The most sanguine did not expect anything near 17,000 tons, but the greater part, as appears by the returns, has been shipped foreign, which is rather remarkable, seeing that generally the number of tons shipped coastwise is by far the most. The business done in the market, however, has not been very extensive, although a fair quantity of iron has changed hands: 61s. 3d. was paid on Tuesday, but yesterday prices showed a downward tendency, sellers at 60s. 9d. per ton, buyers holding off. To-day the market looks unhealthy. Iron has been sold at 60s., six weeks fixed, and 60s. 9d., usual cash terms, closing buyers at 60s. 6d., sellers at 60s. 9d. No. 1, g.m.b., 61s. 3d.; No. 3, g.m.b., 59s. 6d.; No. 1, Gartsherric, 65s. Shipments for the week ending April 21:—Foreign, 8500 tons; coastwise, 8710 tons = 17,210 tons. In the corresponding week of 1854 they were—Foreign, 8710 tons; coastwise, 10,876 tons = 19,586 tons.

LIVERPOOL. APRIL 26.—The iron market continues in a state of inactivity, and

LIVERPOOL, April. 26.—The iron market continues in a state of inactivity, and prices remain unchanged. The shipments of Scotch Pig last week again show a failing off of 2500 tons as compared with the same period last year. A few speculative purchasee have caused an advance of is, per ton, but the market closes heavily at 6is. per ton, sellers. A moderate amount of business is doing in other metals, without any change in prices. The quotations are—Tin-Plates, Charcoal, R., Liverpool, 11. 12s. per box; Coke, IC, 11. 3s. Copper, bolt and sheathing, Liverpool, 1s. 2d. per lb. Merchant Bar-Iron, Liverpool, 7l. 5s. per ton.

Merenant Bar-Iron, Liverpool, 71. 5s. per ton.

PARIS, Aram. 26.—Our Metal Market has this week shown a little more animation, and a fair amount of business has been done at a slight advance on former quotations. At St. Disier, the market is still in an excellent position; the prices for all descriptions of iron are firmly maintained, and for some there is a strong unward tendency. At Liege, both the Metal and Coal Markets continue active at former rates. With regard to the Belgian metal trade, we extract the following from the Journal de Charleroi:—M. Hochereau, the director of the Metallurgical Society of Haine-Saint-Pierre, has addressed a petition to the Chamber of Representatives for the reduction of the Customs' duty on pig.iron. The Belgian Commission have just been informed that the Palais d'Industrie and Palais d'Beaux Arts, at Paris, will be opened on the last May, as announced, but that the works being incomplete in the auxiliary gallery, intended for some part of the industrial products, the opening of that portion of the building is, therefore, postponed until such date as shall be decided on at a future day.

MINES. - Without any material change in prices, there has been a more active business in shares this week, and a greater disposition on the part of the public to purchase in good dividend concerns, as well as in many progressive mines, which offer fair prospects of success. We rather conndently expect a better state of things before long in the mining market, when it shall have been still further weeded of hopeless concerns, and consequently freer from the calls which have for the last twelvemonths hung like a continuous nightmare upon it. So soon, even now, as any decided improvement takes place in a mine, there is no lack of buyers at good prices, and copper mines are the favourites, the price of this metal keeping up better than any other; and if the weekly samplings continue to decrease as they have of late, still higher prices for the ores must result. Load, although a trifle better, is still so low that we understand many of the Flintshire and other mines will be stopped, the high royalties paid (being the same whatever the price of lead) rendering it impossible for them to be worked to a profit. fidently expect a better state of things before long in the mining market

(being the same whatever the price of lead) rendering it impossible for them to be worked to a profit.

At East Basset, the shaft has been commenced sinking to the 70, and the first of the north lodes, to which we referred some mouths since, is expected to be cut in the 60 almost daily. North Buller is still improving. Wheat Carpenter (South Sydenham) appears to be coming out well, although little known or noticed in the London market. At Marke Valley, the new discovery noticed last week has been opened upon west for 2 fms., and the last is 5 ff wide visiding 4 tons of rich ore per fm: 10 fathoms

the new discovery noticed last week has been opened upon west for 2 fms., and the lode is 5 ft. wide, yielding 4 tons of rich ore per fm.; 10 futhoms have been set to drive east and west, at 2l. 10s. per fm. The report of Sortridge Consols, at the meeting, was considered highly satisfactory, and the accounts showed a balance in hand of 2928l. 1s. 10d.

In South Frances, business has been done at 360l. to 370l.; North Basset, 19l. 10s. to 20l.; South Tamar, 6l.; Hingston Down, 11l. 10s.; North Towy, 7s. 6d. to 10s.; Wheal Wrey, 5l. 5s.; Messer, 40l.; West Frances, 18l. to 19l.; Rosewarne, 152l. 10s. to 157l. 10s.; Sortridge Consols largely dealt in during the week, at 2l. 17s. 6d. to 3l., and left off at 3l. to 3l. 2s. 6d.; North Crofty, 11l. to 12l.; Wheal Kitty, 20l.; Craddock Moor, 12l. 10s. to 13l.; Gonamena, 15l. to 17l., and in good request; Tincroft, 2l. 5s. to 2l. 15s.; Vale of Towy, 15s. to 1l.; Alfred Consols, 10l. to 10l. 10s.; Great Sortridge, 12s. 6d.; Wheal Crebor, 17s. 6d. to 1l.; West Basset, 28l. 5s. to 28l. 15s.; Olijah and Wentworth, 18l. 15s. to 14l. 5s.

In the Bullion Market,—Mexican dollars, 4s. 10 d. per oz. Bar silver,

In the Bullion Market, — Mexican dollars, 4s. 10¼d. per oz. Bar silver, 5s. 0¼d. per oz. standard. Bar silver holding 5 grs. of gold, 5s. 0¼d. per oz. standard. Bar gold, 77s. 9d. per oz. standard. Columbian doubloons, 74s. 3d. to 74s. 6d. per oz. Fine cake silver, 5s. 5½d. per oz.

At Wheal Arthur bi-monthly meeting, on Thursday (Mr A. Richards in the chair), the accounts showed—Balance at bankers, 609!. 10s. 84. The assets over liabilities (including 235 tons of ore, computed, 1147f. 10s.) were 2837!. 10s. Id. A dividend of 10s. per share was declared, payable forthwith. The next sampling, it is reported, will be the largest this mine has yet made. The question between this company and Wheal Edward, with reference to 10 fms. of reserved ground, was again referred to the committee, and a speedy and amicable arrangement may be expected.

At the Great Polgooth Mining Company meeting, on Mondry (Mr. thora in the chair), the accounts showed a balance in favour of the always 3460.4 s. 11d. A very satisfactory report was read and adopted, and the same of management re-elected. A resolution was passed, calling a special general ing for the 7th proximo, for the purpose of forfeiting all thares in arms of Than proceedings, which are fully detailed in another column, terminated with of thanks to the chairman and committee of management.

At the Carvath United Mines meeting, on Wednesday (Mr. J. Calin the chair), the accounts showed—Deposit on 840 shares, at 22, per shar, list in the chair, he accounts aboved—Benjott of the 18 shares, pitwork, and masoury, as per contract, 10,000; Capi. Pubrya both inclusive, 1576.6 s. 3d.: leaded the captain's, reports were 1904.18 s. 6. Februar, is both inclusive, 1576.6 s. 3d.: leaded the captain's, reports were 1904.18 s. 6. second at 25 second 1904.18 s. 6. Second 1

hursday next.

At Wheal Clinton meeting, on the 16th inst., a call of 1*l*, per shave greed to. Capt. Kitto reported a further improvement in the character of their fue engine-shaft will be commenced immediately on the satisfactory settlement in the remaining clauses of the lease. An adjourned meeting is convened to biasis.

agreed to. Capt. Ritto reported a further improvement in the character of the in The engine-shaft will be commenced immediately on the satisfactory settlement the remaining clauses of the lease. An adjourned meeting is convened to be his about three weeks.

At the Crow Hill Mine meeting, on Tuesday, the accounts showed—lance last account, 4624. 12s. 11d.; mine cost, Jan. and Feb., 1364. 19s. 10d.—dill is—Calls received, 2464. 17s. 6d.: leaving balance against mine, 3744. 1ss. 6d. for one mittee of management was re-elected, with the addition of Mr. Ashmore. In of Sa. per share was made. Capt. Packey reported that the present operationals mine were confined to the sinking of the engine-shaft. The general character dismound, although hard, was favourable for the production of lead. They had pset through a bed of spar, and a number of branches, of various sizes, all dipig round, although hard, was favourable for the production of lead. They had pset through a bed of spar, and a number of branches, of various sizes, all dipig when they arrived at the next level. It was expected to take six weeks to real is point, and they would endeavour to prove the mine in as short a time and whi at the point, and they would endeavour to prove the mine in as short a time and whi in the chair), the accounts showed—Balance last account, 3664. 1s. S. was three months, 1364. 11s. 2d.; merchants' bills, 154. 17s. 2d.; inspection of mise, three months, 1364. 11s. 2d.; a merchants' bills, 154. 17s. 2d.; inspection of mise, three months, 1364. 11s. 2d.; a merchants' bills, 154. 17s. 2d.; inspection of mise, three months, 1364. 11s. 2d.; and received, 1474. 2s. 6d.; leaving balance against mine, 574. 16s. The balance of some over liabilities, including the next three months' costs, was 224. 6s. 3d. As all dil per share was made. The agent's report will be found among the British hiss.

At the East Wheal George meeting, on Tuesday (Mr. W. E. D. Coming in the chair), the accounts showed—Calls received, 5124, ores add, 1904. 1s. ki, and rece

wide, very promising. They had shipped 35 tons of are, and had from 80 to 80 to 61 to 61 to 62 to 62 to 63 to 63 tons of are, and had from 80 to 80 to 64 to

bills, and general expenses, 2031, 0s. 8d.: leaving balance in favour of another professions of the committee of management and the purser re-elected.

At the Dolfrwynog Mine meeting, on the 19th inst. (Sir Charles R. Prish Bart., in the chair), the accounts showed—Balance last account, 4861, 1s. 8d; all 1861.; supplies to Cwmheisian-issa Company, 90f. 0s. 9d.—24371, 2s. 3d.—39 last cost, Jan. and Feb., 3354, 15s. 6d; i. secretary and office, two months. 17. is. 40 chants bills, 3341, 19s. 7d.: leaving in hand, 13821, 19s. 10d. The balance of over liabilities was 25484. 8s. 1d. Capt. John Davies reported that since the health up of the frost they had progressed well in clearing up the mine, erceting the grant of the committee o

future results.

At the Great Onslow Consols meeting, on the 10th inst. (Mr. J. West At the Great Onslow Consols meeting, on the 10th inst. (Mr. J. West Mr. J. We

At the Penquean Slate Quarries meeting, on the 20th inst. (Mr. J. Hopkiss in the chair), the accounts showed—Balance bast account, 1025. 6a. 5d.; labour cost, six months, to April 1854, 1301. 11a. 5d.; balance on account of engine, 1571, 15a.; sundries, 1341. 9a. 7d.=26194. 2a. 5d.—By calls, 1901. 17a. 6d.; interest, 134. 13a. 11d.; sales of slate, 1811. 6a. 7d.: leaving balance against the company, 5204. 10a. 5d. The amount of liabilities over assets was 7381. 2a. 5. A call of 3a. per share was made. Mr. Joseph Ashworth, manager, reported favourably of the progress of the works. At the Altgoed Consols Slate Quarry Company meeting, yesterday (Mr. Howard in the chair), much boisterous discussion took place, which resulted in the adjournment of the meeting, until a committee of investigation, then appointed, should have examined into the accounts and affairs of the company from the commensument, and an inspection of the quarry should have been made. It is expected that Mr. Dickson, of Bangor, would undertake this inspection.

The Barytes Company of Ireland have convened the quarterly meeting of shareholders for Wednesday, the 2d May, at Walbrook House, City.

Wheal Whitleigh. East Wheal Rose, Cwm Erfin, Cefn Brwyno, Fron-

of shareholders for Wednesday, the 3d May, at Walbrook House, City.

Wheal Whitleigh, East Wheal Rose, Cwm Erfin, Cefn Brwyno, Frongoch, Pantymwy, Penyrhenblas, Westminster, Maesysafn, Belgraves, Ty-Maen, Brysford Hall, and Minera, have sold lead ore.

East Wheal Margaret, Great Polgooth, Wheal Marshall, and East Wheal Vr, have sold black tin.

The Grassington Mines sold 150 tons of pig-lead this week.

The Great Polgooth Mine sold 150 tons of cwis. 3 qrs. 17 lbs. of black tin on the 19th inst. to Mesers. L. C. and W. Daubus.

The Holmbush Mines sold on Thursday, the 19th inst., 279 tons of copper ore, of the value of 14751. 6s. 6d.

Wheal Marshall (St. Stephens) has sold black tin.

St. Austell Consols monthly parcel of nickel and cobalt ores, sold on the 16th inst., produced 2746. 10s.

West Basset sampled 645 tons, and North Basset 307 tons of copper ore.

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en of blackin, 2904. Is. 0; 1855, 12; le; 1855, 12; le; obs. 5d; lexing was stated to coborn and it from surface, it working. Bet I over 3 tones.

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Mr. J. Way 151. 6a. 3d.; ord, 1. 18s. 3d.; salk, that to February, to over liabilita te was from 11th e was from 11th ampling, 104 sak

West Basset sampled 645 tons, and North Basset 307 tons of copper ore,

this week.

At Tincroft, in the 120 fm. level, driving west of Downright shaft, the lode is worth from 25t. to 30t. ner fathore.

At Tineroft, in the 120 fm. level, driving west of Downright shaft, the lode is worth from 251, to 306, per fathom.

At Mendip Hills, the operations are at present confined to dressing and smelting the slags and slimes, of which there are vast quantities, sufficient to last for many years, without exhausting the immense heaps of stuff visible; and the operations and profits are likely to be attended with much more success than hitherto, several improvements having taken place in the dressing and smelting, whereby a great saving is effected, with increased produce. The old workings of these enormous deposits of lead having been, in all probability, before the invention of the steam-engine to facilitate their sinking, or the use of powder for blasting, they could not have got to any considerable depth; therefore, there appears to be a splendid chance, if a shaft were sunk through the debris to the bottom of the old mine, that an immense deposit of lead will be found in the bottom, and which the ancient miners had no means of getting at.

shaft were sunk through the found in the bottom, and which the ancient miners had no means of getting at.

At Vale of Towy, great improvements are taking place. They have now a good course of ore at the engine-shaft.

At Bryntail Mine, in costeaming they have found the lode in the eastern part of the sett, 18 ft. wide, producing blue clay, sulphate of barytes, carbonate of line, and small lumps of solid lead ore, and presenting every appearance of a productive lode. It is expected the unexplored country in this mine will produce good results. The loie in the 10 fm. level is 1½ ft. wide, producing splendid ore, and a further small discovery would enable them to work to a profit; it requires no timber, and works at low cost. A parcel of ore is to be shipped on Monday morning.

The Lackamore Mine has been visited by Mr. John Taylor, who expresses a favourable opinion of the property, but was greatly disappointed at the dilapidated state of the machinery and buildings, and the little progress made with the workings. Mr. Taylor recommends that a meeting of shareholders should be convened, when the accounts to the 30th June are closed, to decide upon the measures necessary for the further prosecution of the mine.

East Wheal Margaret has very much improved—in fact, we are informed, never looked so well as at present.

The Great Cambrian Company have had the call recently made very well responded to.

During the week, shares have changed hands in the following:

During the week, shares have changed hands in the following:

DUTION MINES.—Alfred Consols, Bedford United, Comford, Condurrow, Devon Great Consols, East Pool, Gonamena, Mendip Hills, North Wheal Bastet, Rosewarne United, Weish Potosi, Wheal Arthur, Wheal Clifford, Whoal Buller, Wheal Golden, Wheal Exmouth and Adams United, Wheal Lovel, Wheal Wrey, Lackamore, Mining Wheal Exmouth and Adams United, Wheal Lovel, Wheal Wrey, Lackamore, Mining

United, Weish Potosi, Wheal Arthur, Wheal Clifford, Wheal Buller, Wheal Golden, Wheal Exmouth and Adams United, Wheal Lovel, Wheal Wrey, Laekamore, Mining Company of Ireland.

MINES WHICH HAVE SOLD ORE.—Boiling Well, Boscean, Brynford Hall, Budolek Consols, Bubleh, Cae-Gynon, Calstock Consols, Camborne Consols, Carnyorth, Carvannall, Clijah and Wentworth, Craddock Moor, Dyfngwn, Eaglebrook, East Tamar, East Wheal Rose, East Wheal Vor, Gilmar, Great Wheal Hired, Great Wheal Baddern, Herward United, Messer, North Towy, Okel Tor, Rhoswydol, Vale of Towy, Sortridge Consols, Wheal Crebor, West Rosewarne, Wheal Kitty, Wheal Tehidy.

MINES WHICH MAYE NOT SOLD ORE.—Buller and Basset, East Boscean, East Caradon, Great Sortridge, South Devon Consols, South Buller and West Penstruthal, Ludeott.

Sammali, Ciljah and Weitwerth, Cradicas Knor, Dringwen Englisherod, Kast Transt, Kast Wheal Affects, East Wheal Mose, East Wheal Mose, East Wheal Mose, State Wheal Affects, Wheal Tottle, Storridge Concilo, Wheal Crober, West Rosewards, Wheal Kluby, Wheal Tobidy, Great Storridge, South Devon Consols, South Buller and West Penetruthal, Ludout. In Porcing Mines, the market continues firm, and National Brazillan shares have fully maintained the recent advance; during the week business has been one at 2½, and yesterday changed hands at 2½. Copiapo has also improved: transctions having bous effected at 23½; Linares, 7; Royal Santiago, 6. United Mexicon Walls, and the state of th

The great stopes continue productive. We have 136 miners employed in the mine, who are working well. Quantity of ground broken last month about 136 fms. Our dressing is progressing with as much speed as our present machinery will allow. We are, however, preparing to fix a new crusher and five new and larger heads of samps, which, when completed, will materially add to our future production. We have a great quantity of work in the mine and on surface. We are also daily adding to it, and shall continue to do so until we have by far a greater stamping power and other appliances than we have."

shall continue to do so until we have by far a greater stamping power and other appliances than we have."

The Pontgibaud Mining Company have received a report from Captain Rickard, dated 21st April, from which the following are extracts:—

"Roure.—The adit level, south of St. Peter's shaft, is still looking well, snd turning out 3 tons of ore per fm. The same level, north of the shaft, is looking very promising, and producing about 1 ton per fm. In a stope in the back of the deep adit, south of the shaft (St. Peter's), we have a fine course of ore for 3 metres wide. In the adit level, north of Anna's continues in good ore ground, and will still turn out 1 ton of ore per fm., rich in silver. In the coming week, we hope to complete the guides in Anna's shaft, and begin to draw from there by St. Mary's steamwhim, and shall soon be in a position to begin taking away some of the ore ground already discovered there. The 40 metre level, south from cross-out, north from Anna's shaft, and begin to draw from there by St. Mary's steamwhim, and shall soon be in a position to begin taking away some of the ore ground already discovered there. The 40 metre level, south from cross-out, north from Anna's shaft, on the eastern part of St. Mark's lode, is lying open good ore ground. We have commenced a rise in the back of this level, and find the lode in it the same in size and quality as in the level, averaging about 10 eves of silver-lead ore per fathom. The 80 metre level, south of St. Mary's engine-shaft, on the St. George lode, is still improving, and will now ture out 5 tons of ore per fm. The same level, south, on the No. 3 lode, is producing 1 ton of ore per fm. This being the bottom level, gives us great encouragement, to see the lodes not only maintain this character, but improve as they go down. We shall use every means in our power to sink this shaft to the 100 metre level as one as possible. We have now working in this mine six stopes, each with four men. These, with the ore from the levels, are giving good returns.

about the end of this month, and have begun making preparations to draw from there with the steam-whim. Our tributers are still getting good wages, and working in excellent apirits.

"Misons.—Taylor's engine-shaft is nearly down for the 20 metre level. We have almost completed the foundation for the engine, and shall begin to fix it in a week or 10 days. The surface stopes never looked better, or yielded more ore to the number of men employed, than at this time.

"Bannacor.—We have put the men to rise in the back of the 20 metre level, against the No. 2 winze, and the lode in the rise is looking very promising, and yielding good saving work. We expect this is the beginning of the long run of ore gone down in the bottom of the adit; if so, we shall soon be in a position to increase our return here also. All our surface works are being carried on as fast as circumstances will permit, and the dressing of ore going on well."

The Wildberg Great Consolidated Mining Company have advices dated April 19:—"At the West Mine, the lode in the Blumengang sink will produce 10 tons of silver-lead ore per fm. No. 2, middle stope, will produce 5 tons per fm. Beck's lode, driving east from the south cross-cut, will turn out from 4½ to 5 tons of silver-lead ore per fm. The cross-cut driving south in the deep adit level continues without faiteration.—East Mine: Dean's lode, driving west from Michael's shaft, will yield 1½ ton of silver-lead ore per fm. The Weitung winze, sinking below the 26 fm. level, east of Michael's shaft, will produce 5 tons of silver-lead ore per fathom. The Demergang winze, sinking below the 26 fm. level, east of Michael's shaft, will produce 5 tons of silver-lead ore per fathom. The Demergang winze, sinking below the 26 fm. level, east of Michael's shaft, will produce 5 tons of silver-lead ore per fathom. The Bernergang winze, sinking below the 26 fm. level, east of Michael's shaft, will produce 5 tons of silver-lead ore per fm. The Berting-house walls will be completed by the middle of next week. The stam

water-wheel for the blast at the smelting-works, which will be completed in a fortnight.—Jaxes M. Cramprox.

The Liberty Mining Company have advices, per Union, from their resident director, dated Vaucluse Minc, Virginia, April 4, of which the following are
extracts:—"Y vour letter of the 9th of March reached me on the 31st, and the various
accounts you request accompany this, and I trust will afford you full information on
all points: I am most auxious to trade with houses in the large towns, and intend
going to Philadelphia and Baltimore, and make arrangements to purchase our merchandine, &c. from establishments in those cities; thus will effect aswing, I expect,
of from 30 to 50 per cent., with 6 months' credit, if required. The erection of the new
stamps progresses rapidly, the heavy work is done, and I hope a few days will see
them in operation. During the last month, I have only been able to keep the 10 head
of stamps going at intervais, equal to about 15 g days, and have obtained during that
period 55 cass. Is dwis. 12 grs. of refined gold, value about 2521, at which half a month's
work leaves a profit on the whole month's cost. The more extensive the machinery
and force worked here, the greater will be the comparative profit, as the expense of
engines and superintendence would not require to be increased. A few more labourcrs will be necessary to work the 42 heads of stamps, and have taken measures to
procure them; their cost monthly will be but little. The only work to be done to perfeet the working plant in the north part of the mine is the completion of the new
stamps, pulleys, and tranway at centre shaft, and the tranway from north (new)
shaft to north whim-shaft; this will not occupy much time, as the principal work is
done already. I believe I may now authorise the board to inform the shareholders
that the end of our troubles is in sight; and though we have had great difficulties to
contend with, I now confidently expect that by the end of my third year as resident
director this company

ertion shall be spared by me to save expense, and pay good dividends."

We are informed that the official advices which the Anglo-Californian Gold Mining Company ought to have received by the mail, on Monday, have miscarried. A private letter, however, from the agent in California, to the chairman, has come to hand. This contains no details; but it appears that during the first 24 hours' continuous workings, the machinery reduced \$2 tons of ore, which produced \$1000 of gold. We have also authority for stating, that a letter of credit for the amount due to Messry. Burgoyne has been forwarded to Sir Heary Huntley, and that, consequently, the property may be considered as redeemed.

The South Australian Copper Company have shipped, per the South Sea, alarge quantity of castings for smelting-furnaces and other machinery, made by Messry. Nicholls and Williams, of Tavitock. The South Sea will sail for Australia in a few days, and an experienced smelter has been engaged, who will proceed by the Oliver Laing, about the 5th of next month.

At the Foreign Vineward Association half-yearly meeting, (the Right

days, and an experienced smelter has been engaged, who will proceed by the Olive Lainy, about the 5th of next month.

At the Foreign Vineyard Association half-yearly meeting (the Righ Hon. Lord Murkerry in the chair), the report of the directors was adopted. It was determined that an agency should be established in Paris, at the forthcoming Exhibition. Since the last meeting connections had been formed with several influentia clubs, as well as regimental and navy messes. A dividend of 10 per cent. per annua was declared, to be paid for the six months ending Feb. 28, 1835. Col. Wyndham, an Messrs. Palmer and Slack, the rettring directors, were re-elected, as well as Messrs Heath and Vibert, the auditors. The directors were voted a sum of 364 guineas, as remuneration for their past services. Votes of thanks were given to the directors an manager, which were suitably acknowledged.

The Gold Mining Share Market continues neglected, and the only trans setions effected vesterday was in Agus Fris at 1½ dis. The closing price of Anglo Californian was ½ to ½; Carons Creek, ½ to ½; Colonial Gold, ½ to ½; Creak Nugget Vein (registered), ¾ to ½; Nouveau Monde, ½ to ½; Quartz Rock, ½ to ¼ Waller, ¾ to ½; Waller, ¾ to ½; Was Mariposs, ½ to ½.

In Miscellaneous Shares, the market has been quiet, and the fluctuation

Waller, % to ½; West Mariposa, % to %.

In Miscellaneous Shares, the market has been quiet, and the fluctuation very trifling. North British Australasian were a shade lower yesterday, changin hands at %. Peninsular and Oriental slightly improved, transactions taking place a 61½ to 61½, and the closing price marked at 61 to 63. Crystal Palace shares were firm at 3½ to 3½; ditto, Preference, ½ pm.; Submarine Telegraph scrip, %. The closing price of Australian Agricultural was 28 to 30; Peel Biver, 2½ to 2½; Nether lands Land, ¾ to 1½; Scottish Australian Investment, 1½ to 1½; ditto, New, ½ to ½ pm.; South Australian Land, 36 to 37; Van Diemen's Land, 12½ to 13; Berlin Water-Works, ¾ to 2½ dis.; Electric Telegraph, 14 to 15; Mexican and South American, 6½ to 7; Royal Mail Steam, 63 to 70, ex div. In Joint-Stock Banks, yester day, shares were freely dealt in, changing hands at the following prices:—Australiasis, 30½; Chartered Bank of Asia, 4½; Commercial of London, 29½; English Soottish, and Australian Chartered, 10%; London Chartered Bank of Australia, 67 ½ to 85; Union of London, 26 to 32%. The closing quotation of Chartered Bank of India, Australia, and China was % to % dis.; New South Wales, 33 to 35; Union of Australia, and China was % to % dis.; New South Wales, 33 to 35; Union of Australia, mew, 7½ to 8%.

COPPER MINING IN AMERICA.—The following information was receive by the last mail from the United States, relative to the Tennessee Copper Mines:—
The sales agent in New York writes,—"I have shipped to Liverpool copper oresPer S. Larrabse ... 300 boxes from the Isabella Mine,
300 boxes from the Isabella Mine,
300 boxes from the Polk County Mines, Per Charl .. 740 boxes.

upper cres, except that they are richer and yield better. In the western level also, on the Tennessee Mines, Capt. Tonking, in running in a short adit to drain a portion of the vein, sinds a heavier lode of black ore than we had above."

One of the parties largely interested in the Tennessee Mines, and who recently returned from a visit to the district, writes from New York, under date April 9:
"" * " The basiness at the mines is most cheering. Had we furnaces at the mines, to be operated with wood until the railroad could be built, these mines would make money faster, even now, than any others in the country, if not faster than any others in the world. All that is requisite is the skill to erect and work the furnaces, and they would produce the capital for the railroad. The Culchote Company have cut a large vein of ore, producing the black ore in large quantities. This development enhances the value of the McCoy property 50 per cent,"

Another gentleman in New York, in no way laterested in the Culchote Company, writing to his correspondent in London, under date April 10, says—

"I will just add, that the Culchote Company have opened a fine mine: the vein was cut at 60 ft. depth, and is 14 ft. wide; it is represented as being just below Biggs' shaft, and on the same ridge."

The arrivals at Swansea include—from St. Malo. 26 tons of lead one and

The arrivals at Swansea include-from St. Malo, 25 tons of lead ore, and

THE GOLD FIELD	DS OF	VICTORIA	L-I	Return of	the	com	para	tive produce
in the years 1852, 1853,	, 1854 :	-				-	•	
Years. Ascertained		nrecorded o	ER.	Total.	Pric	ce per	oz.	Value.
1852 3,159,322		1,088,325	*****	4,247,657	*****	70s.		£14,866,799
1853 2,274,152		816,190		3,090,342		758.	*** **	11,588,782
1854 1,831,434		361,264		2,192,699	*****	80s.	*****	8,770,796

SHEFFIELD, APart 25.—Our correspondents (Mossrs. E. Smith and Son) state that they have nothing new to remark this week as to the market for mining shares; prices are much the same. In railways, the business done has been unimportant, but as money is more plentiful, and not much required for trading purposes, some of it has found its way into the Share Market, and tends to support prices.

Share	8.	Mines,	Paid.		Price.
100	***	Brightside and Froggatt Grove	50		70 75
1000		Calver Sough and Wren Park	-	*****	1% 1%
1800		Crafnant	3	******	136 2
1200	***	Eyam	334	******	25 27
200		Eyam Extension	10		20 22
500	***	Peak United	7%		716 816
900		Prince of Wales	6)6		6%
1024		West Phonix	20%		8 8 %
1536	***	Wheal Gill	614 18	2	2 3
3400	***	Wheal Mary	634	*****	11/4 2

HULL, Apail 26.—Our correspondents (Messrs, T. W. Flint and Co.) state they have some pleasure in noticing a little improvement in their market for mining shares, there having been more enquiries than for some time past. The market for railway shares has been very limited during the week, although there is a strong disposition to invest, if any hope of peace could be entertained on grounds approaching certainty. Hull and Selbys are in request, but there is no stock on the market.

-			LEA	D OI	RES.		
			Sold on				
	nes. Thitleigh	**********	Tons.	Pr	10e per 117 5 9 10	0	Purchasers. J. T. Treffry. ditto
East Wh ditto ditto ditto ditto	eal Rose		77 70 44 29		16 18 18 1 17 9 12 6 17 11	0 0 0	ditto ditto
Cwm Erditto Cefn Bry Pantymy Penyrhe Westmir Maesysa Belgrave Ty-Maer Brynford ditto	myno Ticketi myno seter fin	ng at the	50	Cead Ho	15 16 15 16 15 16 13 12 tel, H	666666666	Walker, Parker, & Co Sims, Willyams, & Co. J. Bibby, Sons, & Co. O. Newton, Keates, & Co 26th April. J. P. Eyton. Newton, Keates, & Co J. P. Eytoq. Walker, Parker, & Co J. P. Eyton. Newton, Keates, & Co ditto J. P. Eyton.
Great Po	. Margaret olgooth	10 5 8 3 17 0	Sold on 16	the 19t	h Apr	Amo	Ount. Purchasers. — — Daubuz. 16 10— — — — — — — — — — — — — — — — — — —

COPPER ORES.

Mines.		ons.		ice.		Mines, Tons, Price
	1	16	£5	3	6	South Caradon
ditto	*************	95	. 6	6	0	ditto 96 8 18
ditto	*****		. 5	14	6	ditto 64 9 1
ditto	***************************************			17	6	ditto 37 5 18
ditto	***************************************	79		8	Õ	
	*************	70		2	6	
ditto					ö	Bolena 59 2 6
ditto	***************************************	61		10		
ditto	************		. 1	10	0	ditto 51 3 12
ditto	**********	43		3	6	ditto 45 2 4
ditto	*************	35		19	6	ditto 5 4 12
ditto	*************	30	. 9	4	6	Wheal Comford 86 2 2
ditto	************	25	. 3	7	0	ditto 64 2 5
ditto	************	14		16	6	ditto 55 1 12
Tresavean .				10	6	ditto 5 20 15
ditto	***************************************			13	6	Creegbrawse 65 6 0
ditto	*****************			8	6	ditto 61 4 10
ditto	***************************************			10	6	ditto 28 4 12
						ditto 20 3 6
ditto	************	59			0	
ditto	************	38	7	19	6	ditto 4 0 4
ditto	************				6	Wheal Messer 75 3 8
ditto	***************************************	39			6	ditto 25 8 5
ditto	**************	25		18	0	Wh. Mary Gt. Consols. 40 6 14
ditto	***********	23	. 2	15	6	ditto 29 1 3
Fowey Con	sols	81		10	0	ditto 21 12 15
ditto				11	6	Wheal Busy 44 5 19
ditto	***************************************	70		8	ŏ	ditto 10 3 16
ditto	************	66	. =	18	6	Bodmin United 50 7 13
	•••••	66		18	6	
ditto		55			0	
ditto		47		13		Old Wheal Basset 22 10 9
	el				6	ditto 7 3 7
ditto	*************			5	6	Treleigh Consols 13 4 2
ditto	************			15	6	ditto 11 1 18
ditto	************	61			6	Wh. Mary (Portreath). 9 2 13
South Crini	nis	75	. 10	16	6	Great Dowgas 9 3 5
ditto				4	6	Treffry's Regulus 8 12 5
ditto	***************************************			7	0	Carharrack 6 3 7
ditto	***************************************	62		19	6	Friendly Mine 4 28 1
ditto	************	50	15		0	ditto 1 3 11
artto	***********					Micheli's Ore 1 16 9
			TOT	AT	. p	RODUCE.
Walted Min	901	£1		0	6	WIL M CL C CO 0700 LO
Chited Min	es 801		048	9	6	
	533				0	
	sols 398		010			
West Dams	el 340		1464	3	0	North Downs 42 284 11
South Crim	nis 324			15	6	Old Wheal Basset 29 253 18
South Cara	don 310	2	3662	11	6	Treleigh Consols 24 74 10
Perran Gt.	Wh.)					Wheal Mary 9 24 1
Leisure U	nited 222	******	577	9	6	Great Dowgas 9 29 9
Bolena .			711		1	Treffry's Regulus . 8 98 0
	fort 210		521	9	6	Carharrack 6 20 5
	e 178		864	9	0	Friendly Mine 5 115 15
Wheel Mar	ser 100		463			
AA TICHT WEGS	DUE 100	*****	400	4.45	v	· Matchell & Old 4 10 0

Average Standard £146 4 0 | Average Produce 6% 6% 6% Average Price per ton. 26 3 6 8 6% Average Price per ton. 2743 tons | Quantity of Fine Copper, 228 tons 1 owts. Amount of Money 220 tons 1 owts. 223,048 18 6 LAST SALE.—Average Standard 5 246 14 0.—Average Produce 6% 6 Standard of corresponding sale last month, 1411, 13s.—Produce 6%. COMPANIES BY WHOM THE ORES WERE PURCHASED.

Tons. Amount,
iniae Royal Company 213 £1111 19 6
ivian and Sons 588 4247 17 0
remen and Co. 365 1742 2 0
remen and Co. 597 4047 13 6
ms, Willyams, Nevill, and Co. 284 1915 16 0
filliams, Foster, and Co. 906 4856 3 9
guilla and Australian Company 232 1172 14 0
ason and Elkiogton 355 2515 15 9
Bankart 13 53 12 6
poper Miners' Company 220 1868 2 8 Mines Royal Company
Vivian and Sons
Presuma and Co.
Grenfell and Sons
Sims, Willyams, Nevill, and Co.
Williams, Foster, and Co.
English and Australian Company
Mason and Elkington
P. Bankart
Copper Miners' Company

Total

3743

£23,048 18 6

Batices ta Currespondents.

• Much inconvenience having arisen in consequence of several of the Number during the past year being out of print, we recommend that the Journal should be regularly Aled on receipt: it then forms an accumulating useful work of reference

equing the past year owing out of print, we recommend that the Journal angula of regularly files on receipt: it then forms an accumulating useful work of reference.

English and Australian Copper Company.—Sir: Some time ago I was told that the result of the late committee of enquiry would be either to dispose of the Australian branch, or remove the smelting works to the coast, so as to avoid the great expense attending the inland carriage of coal-bricks, and the copper back again to the coast, which has been the cause of the drawback and unprofitable results. I now find that the new manager has discovered, at the eleventh hour, that he can smelt with the Sydney coal, and that he will be able to convey this coal to the works and realise profits. I cannot believe this to be correct. The company found the carriage of pure coal and the patent fuel too expensive to allow profitable results; if so, how can the carriage of an inferior exal, while no lay contains about 69 per cent. of carbon, and necessarily requiring a larger amount for smelting a given quantity of ore, produce better results! I hope the late manager, or some of your correspondents, will explain this curious anomaly.—An Inquiren.

'A. Speculator'' (Cornhill).—Many of the patents taken out for smelting copper ores have proved abortive. A process that will answer very well in a crucible, may be very ineffective and expensive in a furnace. In many instances the fluxes cannot be obtained in sufficient quantities; although a fact may be often scientifically demonstrated, yet, when practically but to work, it falls, regarded commercially. Australian Conditional Conditions and the company, and which lad been leased to the Cordillera Company, and upon which 1457 cas of gold had been raised during ten months, was delivered over to the Peel River Company's general superintendent on the 19th December last." Can any of your readers inform me what has become of this large amount of gold, and likewise where the affairs of the Cordillera Company and upon which 1457

where the affairs of the Cordillers Company are carried on, as I have lost eight of the whereabouts of the directors for some time!—A Subscriber.

"W. R." (Exeter).—If the present system of management of slate quarries is conducted on the principle that our correspondent infers, there is no doubt that much money may be expended, without any corresponding result. It is, unfortunately, too often the case that these establishments are so managed, that only the officials obtain a living from them, while the interests of the shareholders are entirely disregarded. It would be invidious to mention the names of the several quarries that are labouring under this great defect, but we must hope that the attention which has been drawn to them will cause a better and more economical mode of working for the future. The matter is in the hands of the shareholders, and they should see that a due supervision is exercised, whereby their interests could be protected.

"An Inventor" (Camberwell).—Numerous attempts have been made for years past to obtain motive power by similar means to those mentioned, as well as from the products of combustion, and from condensed carbonic acid. We believe that, with the latter, Sir Mark Isambard Brunel attained nearest to success; but hitherto they have all proved failures. In 1853 a great sensation was made in New York, by the public attention being called to Salamon's carbonic acid gas engine, which was to supersede everything, and be "the crowning work of motive power." A company was formed to carry out the object, but the affair, like the rest, failed. Another seheme in the same year, which was "to celipse all competitors," was brought forward by Mr. J. E. Serrell, of New York. This engine was to be worked by the combustion of oil, spirits, or other combustible matter. Four exhausting chambers were placed at an angle of 90° with each other, and each containing a lamp; a revolving lamp-lighter was employed, which lit them in succession, and caused a reciprocating motion to the pictons, with a p

products of combustion.

MAGHERMANA, COUNTY FERMANAGH, IRELAND.—SIR: I feel certain that the London shareholders in this concern are unaware that no communication has been received by me from the treasurer, Mr. O. Raymond, Stock Exchange, and 6, Bank-chambers, London, since the 10th of January. The sooner the shareholders meet the better, as their affairs here require immediate attention.—F. Lisans, C.E.: April 10.

C. L." (Pensance).—If a proper system of accounts were kept, and the Cost-bool System carried out in its original integrity, such deplorable disclosures and dis-graceful results would be avoided.

system carried out in its original integrity, such deplorable disclosures and disgraceful results would be avoided.

Loars on Lones.—Sin: I am disposed to think Mr. Gill's version of the cause of lights on lodes a very probable one, but am unable to separate my mind from the connection of burnt appearances with the appearance of graited hydrogen. It is scarcely likely but such effects would be observable in some cases at least, since all lodes are not situated in barren ground. The explanation alluded to does, from its colour, coincide with some of the observed cases. Query, might some of the hot copper lodes lately described be apt to show lights, since they have the very process very actively going on in them which Mr. Gill describes? I have lately been informed of 12 rich dividend-paying mines which produced jack shallow (some of them selling it), and which in depth decreased or died out. What is the value to be attached to the appearance of Jack shallow in copper or lead lodes, for improvement in the other metals in quantity or quality in depth? I am toid nearly all the rich western copper mines produced Jack shallow. Capt. Ennorspeaks of a law of lodes preventing, allowing for certain exceptions, two lodes productive to any great amount occurring near each other. Ha reason looks to me correct; still, I have heard it opposed. What is the average distance within which two lodes could exist, each good ones, not allowing for exceptional causes? If Mr. Ennor will favour with replies, he will much oblige. I do not wish to ask too many questions. If Mr. Ennor would publish his views in a volume, giving statistics, I would gladly purchase it.—A. K.: Bideford, April 25.

*Inqu'rer" (Brompton).—Convicts have been employed in mines in the United

each good ones, not allowing for exceptional causes? If Mr. Eonor will favour with replies, he will much oblige. I do not wish to ask too many questions. If Mr. Eonor would nablish his views in a volucie, giving statistics, I would gladly purchase it.—A. K.: Bideford, April 25.

"Inqu'rer" (Brompton).—Convicts have been employed in mines in the United Kingdom. About the year 1700 there were several on the load mines at Bwichyr Eagirchir, in Cardiganshire. They were apprenticed for a term of five years; if they behaved themselves well during that period they were liberated at fix termisation. The majority of them were from the metropolis.

"T. L. B." (Parrith).—The seasons in California are more inconstant than our own. Last scason missing operations were impeded by the long and severe drought which prevailed; the season previous they could not be undertaken in consequence of the heavy inudations. The Californians are actively engaged in forming water companies; they, as well as our secredited associations, see the necessity of having a constant supply of water, as well as the power to regulate it. As wood becomes dearer, in all probability, at no distant period, water-power will, when it can be obtained in sufficient quantities, in a great measure supersed steam.

Ave Maria Contany.—Mr. O'Connor has left some time for California; and it is anticipated that he will return to England about the end of September. We understand his commission is connected with the formation of the Sierra Nevada Water Company, from Lake Truckey to Maryaville; this will supply a number of ledges, and the placer diggings, for a considerable distance.

"A. K." (Bideford).—The theory has never been disputed, and the lights have generally been supposed to arise from exhaltions under electrical influences, combined with the atmosphere. From the illegibility of the communication, owing to the palences of the link, we are unable to decypher much of Spatch and the lights have generally been supposed to arise from exhaltions under electrical i

r" (Camborne).—Argentiferous gold, or electrum, is distinguished by its sil-white colour; before the blow-pipe it fuses into a more or less pale yellow glo-It is found at Sehlangenberg, in Siberia, in tubular crystals and imperfect a; also at Kongoberg, in Norway, and in Transylvania.

-If a dventurers and pursers would follow the Cost-book Sys 44 J. B." (Falm uth). would be regarded more as an enterprise than an adventure. Many mines at the first starting have not paid their cost; this is no reason why they should be abandoned. There can be no question that mining has been brought into disrepute, owing to the laxity of conduct generally pursued by all connected with it; and it is to be hoped that a better system will be introduced, which at the same time it efficiently developes our mineral industry, will prevent designing knawes from plundering the public.

efficiently developes our mineral industry, will prevent designing knaves from plandering the public.

Norre Bartsen Austrana. Contrant.—Sin: The meeting held at the London Tavern, on Tuesday last, was not a satisfactory one. The shareholders, of whom there was a large number present, were disastisfied with the report and state of affairs generally. The tabular statements appended to the report exhibited a small increase of stock at the soveral stations by births, while the number sold and boiled down was little more than the number hought. One of the managers, Mr. Taylor, represented that the agency operations of the company's manager at Sydney were very profitable, but unfortunately the amount was not exhibited in the scoodnes, while, on the other hand, the inability to pay now a dividend for the year ending 30th of June, 1854, arises from the necessity of meeting bills of the Sydney agent, drawn on London, for edvances made on goods at Sydney. It is clearly desirable that these agency and commission transactions should be kept and shown distinct from the business more properly belonging to the company. The opinion of the meeting was, that the mine is New Zealand was swallowing a large amount of capital. The directors were displaced with the amount of remuneration offered by the shareholders, 500f, per annum, or 50f. each (the two managing directors receipt when male sarive from Australia, ones a forthight or so, if so often, the feeling of the meeting was that 500f, was ample. However, Mr. Pawcest, from his commection with the managers in various ways, thought he was between the managers in various ways, thought he was between the managers in various ways, thought he was detained and others to judge what was the proper amount to be given, and recommended accordingly, whether judiciously on to inquestionable.—ALGAURE: Agwillo.

We have particularly to request that subscribers and ethers, is paying accounts, will asset changes at matagers.

COALS IN CALIFORNIA.—SIR: I infer from your paragraph (April 14) that "E. W. W." (Masbro') raised a question on this subject. Will you permit me to reply to it in the affirmative? I had the pleasure of pointing out a coal field to Mr. McKay, of San Francisco, and which he then purchased. It isys some 10 or 12 miles south of Benicia, and about 35 miles west of San Francisco. Of course the purchase was a commercial speculation. It is not in work yet.—W. EATMONE GILL: Tothes.

WATER-FOWER.—Six: Will any of your correspondents favour me with an estimate of the "commercial horse-power" of an over-shot wheel, 40 ft. diameter, 2% ft. breast, backets 14 in. deep, fed by a stream of water, through a leet 2½ ft. deep, the depth of water in the leet being 2½ in.—430 ft. in length of which flows on to the wheel per minute.—An ENQUINER.

"A Shareholder." (Mile-end).—The Castle Dinas meeting, yesterday week, at Mr. Sterne's offices, Great 8t. Helens, was productive of no results. The subject will be brought forward at the next periodical meeting, when full particulars will be laid before our readers.

laid before our readers.

ARIQUITA AND NEW CRAMADA MINING COMPANY,—We do not know what foundation the committee of investigation had for stating that 2800 shares had been transferred by Mossrs. J. D. Powles and Matthew Plummer to pack the meetings, nor are we aware that this statement has been explained or denied. "Marmato" should enquire at the office what are the reasons for working the three mines at a loss, as well as the duties of the acting superintendent, and the period at which the Santa Ana Mines were taken possession of, as well as whether Mr. R. J. Treffry was dismined, or retired of his own accord. It is not probable that directors will enter into a paper war with every sharcholder who finds himself aggrieved. We by no means wish to screen the conduct of those in the direction; no doubt "there is much to be said on both sides." In all associations where there are disputes, the shareholders can never be brought to act with unanimity, and this is the primary cause where in every case boards are able to discomfit any attempts to unsent them. Junius."—The communications on this subject have been multifarious; though of

cause where in every case boards are able to discomfit any attempts to unsext it Junius."—The communications on this subject have been multifarious; thoug general interest they are not of special importance, and the question but now cites little notice, except with those who are embarked in the controversy. No crude theories have been raised, but it would be useless to insert all the argum which have been put forward, as it would only lead to endless discussion, with arriving at any practical result.

arriving at any practical result.

(J. R., "the inventor of the new double reverberatory furnace, for the smeltir of lead and copper ores, begs to inform his numerous applicants that all enquiring will shortly be attended to, when he hopes to have his patent scaled, next month, full description of the furnaces will appear in an early number of the Mining Journal.

LANDUDNO MINE.—The report on the present operations and prospects of this mi shall appear in our next Journal.

LLANDUDNO MINE.—The report on the present operations and prospects of this mine shall appear in our next Journal.

Port Phyllar Gold Minino Company.—Sir: I beg to inform "Iago" that I am a shareholder in this company, and one of those who gave 44, each for their shares; and, acting upon the advice of the late Ald. Thompson, I have continued to hold, and recommend others to buy. In reply to an enquiry which I felt it to be my duty to make, Ald. Thompson wrote thus to me;—"The promoters are men of spotiess honour in the City of London, and they have employed Mr. Evan Hopkins (whom I have had engagements with) to establish the affair in Australis. I am a holder of 2500 shares, and shall hold, and recommend you to do so likewise." I am glad to see that Mr. Evan Hopkins is disposed to corroborate the siderman's remark as to the uprightness of character of the directors; and, as the reverse was the only plea upon which an endeavour was made to frighten shareholders out of this most valuable concern. I hope soon to see the property represented by its proper value in the market. I think the following may be taken as a summary, as far as divalled, of the present position of the company:—Assay Offices and Simelting: Profits realized, 12,0004; and do this 40004, premium on sale of shares in London: this will be equal to a dividend of 3s, per share, and leave 10004, for the reserve fund. The available assets are very large, probably 40,0004, or 50 says, per ton, and separated from the alluvium by the simple process of washing, abundance of water for which purpose exists upon the spot.—Jeverita. Slourport, April 23.
Sourn Druc Dono Mirs.—"A Shareholder "O (queen. street).—The company have no office in London; we believe Mr. Permewan, of Penzance, is the purser, and from whom any information can be obtained.

"Hibernieus" (Bayswater).—We have no doubt the introduction of the machine patented, and manufactured by Messer, Europe and the introduction of the machine patented, and manufactured in Messer.

whom any information can be obtained.

Hibernicus" (Bayswater),—We have no doubt the introduction of the machine patented, and manufactured by Mesers. Gwyne, of Essex Wharf, Strand, for the compression and manufacture of peat into a pure and valuable feel for metal-lurgical purposes into Ireland, will eventually be hailed as a great boon to that country. We have, on several occasions, since the publication of the specification referred to the process; and, as a powerful machine has been recently erected on the premises of the patentee, which will commence work, we are informed, on Monday, we shall, most probably, be able to give the practical results in our next Journal. B. M." (Aberdare).—We shall be glad of some particulars when the subject is sufficiently matured.

ciently matured.

J. B. W." (Ludhoe Iron-works).—The company have made returns of gold; they started with too limited a capital. According to all received accounts, they have one of the best locations in California; but unfortunately, owing to a deficiency of water power, they have not been able to avail themselves of all the advantages the property possesses. If such a sum is subscribed as will enable them to obtain water by artificial means, it is the opinion of practical men that the returns will be continuous; but to ensure this, the shareholders in the present crisis should support the directors.

port the directors.

ALES OF LEAD ONES.—Sta: In the quarterly returns of the sale of lead ore, in your Journal of the 14th inst., you state that the Taliesin Mine has seld 50 tons of ore, at 3834. whereas the price realised was 6337.—H. Synokrooms: 33, Moorgate-sircet, London, April 26.

A. Q. A."—We believe the quotation referred to was correct; and having made the necessary enquiries, we give the present price in our Share List.

G. C." (Thurloe-square).—The principal is the engine-shaft; this is quite apart from that through which the men descend. In general, copper and lead mines are considered to be well ventilated; the greatest number of accidents occur in coal mines. When a better system is adopted, there can be no question but that it will meet with its reward.

ALIFORNIA.—We have received from our correspondent, Mr. P. Cadell, of Quartz-burg, a list of the quartz mining companies incorporated in California, with their capital, and other particulars, which we shall publish in our next Journal; when also will appear the conclusion of Mr. Waddell's interesting report, and valuable statistical information.

A. B." (Mold).—A letter addressed to Mr. Franklin Coxworthy, Pollet, Dieppe will reach. We do not know the address of Mr. Wm. Radley, Ch.E.

THE MINING JOURNAL Railway and Cammercial Gagette.

LONDON, APRIL 28, 1855.

While the anxious sympathies of benevolent individuals, and the careful attention of learned societies, are earnestly directed to the task of rescuing society from the reproach which attaches to it from the fearful annual sacrifice of human life in our coal mines, it is highly gratifying to perceive that our mining operatives are beginning to be themselves sensibly alive to their own interests and their own safety. In a memorial presented to the Government by the coal miners of Lancashire, Cheshire, Northumberland, and Durham, they announce that they have learned with satisfaction that the principal coal proprietors and agents are at length convinced of the necessity of enforcing more stringent regulations in all collieries, thereby bringing up the inferior management of the many to the superior management of other collieries, whose proprietors are anxious to protect their workmen, and also to preserve their own property. They further state that they have read the copy of rules put forward by Mr. Mackworm, Inspector of Mines, and also the rules submitted by him jointly with his co-inspector, Mr. Dickinson, of which, with one or two exceptions, they highly approved; at the same time expressing their apprehension that any code of rules which shall not be embodied in an Acto Parliament, with proper penalties attached to enfore obedience by workmen, officers, agents, and occuers, will not be sufficiently attended to so as to ensure any considerable diminution of colliery accidents and casualties. It is always prudent in legislation to learn the feelings, and adopt, as far as practicable, the views of those for whose benefit or protection measures are designed; the operatives, therefore, claim that any bill to be passed should embrace, amongst others, the following particular provisions, and enactments:—That all shafts should be sunk to the depth of the royalty, and that there shall not be less than two shafts in any coalidated, with several yards of rock between them; such shafts in any coalidated.

passed should embrace, amongst others, the following particular provisions, and enactments:—That all shafts should be sunk to the depth of the royalty, and that there shall not be less than two shafts in any coalfield, with several yards of rock between them; such shafts to be of such areas as to admit sufficient atmospheric air to keep all the workings shall have become so extensive, that accumulations of injurious gases cannot be properly cleared away by the body of circulating air, other shafts may be sunk to the rise of the coal seam, and proper air-ways opened between them and the shafts previously sunk; care being taken that when the workings of any colliery extend two miles another shaft be sunk. In addition to the appointment of a proper staff of sub-inspectors, who shall have districts so situated as to ensure, on an average, a monthly examination, with weekly reports to the inspectors, they recommend the appointment of a Board of Control and Court of Appeal, to manage the whole system of inspection, and to decide all disputed cases between owners, inspectors, and workmen, on points connected with the inspection or safety of mines. To that board should be confided the selection and examination, of course competitive, of inspectors, and all regulations for the system of education; and we are particularly pleased to perceive that the men of education; and we are particularly pleased to perceive that the men themselves recommend that young boys between 10 and 14 years of age should be obliged to attend achool some part of the day, so that the next generation may be properly educated. They also urge an alteration in the system of summoning juries on coroners' inquests, and a power to them of inspecting localities which have been the scenes of casualties. Two further suggestions are added—namely, that the inspectors should be empowered to institute proceedings at law—to recover damages from colliery

owners for death or injuries to any miner, where the same shall have been considered by the neglect of owners or agents; such damages, in cases of injury, to he for the benefit of the party injured, in case of death for the nearest relatives of the decessed; and that inspectors be strictly prohibited from giving notice of their intention to inspect to the owners or managers of collieries. These suggestions they pray may be embodied in any bill which shall be introduced or passed through the Legislature: and while we consider the proposal of them a test both of the intelligence and sincerity of the operatives, we trust that aristocratic influences will not be permitted to interfere, and that we shall not have the statute book distinction of the control of the co

1.89 per 1000 per ann.

category. According to the returns of Mr. Mackworrs, the amount number of deaths amongst miners by violence was 4 per 1000, which would on our mining population of over 300,000, exceed 1200, exclusive of those far more numerous, who are maimed, mutilated, and disabled. Taking all casualties together, the wear and tear of the working classes, on whom, and on whose exertions, the wealth and political importance of the empire so materially depend, greatly exceed the casualties even of war. This journal has been long and zealously devoted to the sustainment of every preposal intended for the amelioration of the social condition of the mining classes, as well as for the security of their lives and limbs, and we cannot but regard a movement originating with the men themselves as indicative of educational improvement on their part, and as demanding peculiar attention from the authorities. Parliament has too long hesitated to place this branch of our law on an enlightened footing—the interests of the mining population have been too long sacrificed in the conflicts of parties, and in the shufflings of the cards for place. Blue-books, containing the inferential speculations of theorists, and the dubious recommendations of select committees, have been thrown aside as waste-paper, and forgottenbut an earnest remonstrance, originating with the operative classes themselves, and demanding security against the perils which surround these, cannot be treated with diaregard or contempt. We believe that the du under which the present limited number of Coal Mine Inspectors were appointed is likely soon to expire, and feeling that it did not include, or even contemplate, the iron and other metalliferous mines, we can scarely bring ourselves to believe that the Government will so insult the country as to content itself with a mere renewal of the existing Act, merely to legalise the payment of their future salaries to the present possess.

The expression of national disapprobation is very general with regard to the working of our representative system; and although the indignation of the British people has been peculiarly roused by, and is especially directed to, the misconduct of the war, and a change in our administrative arrangements is evidently impending, it may be boldly assorted that there does not exist in the community any class with respect to whom legislative apathy has been more marked, or more discreditable, than the coal mining population of Great Britain.

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does not exist in the community any class with respect to whom legislative apathy has been more marked, or more discreditable, than the coal mining population of Great Britain.

In our Journal of the 14th April we noticed at some length a case of much interest, BR1000 s. NRTHERWOOD, relating to a colliery accident, which hold been heard before Mr. R. G. TRENERM, the judge of the County which of the Hanley district. We submitted to our readers a succinct but of the Court was postponed, in order that it might receive very deliberate consideration. We are now enabled to present to the public a report of that judgment, to which we direct the marked attention of all parties interested in the management of mines:—

Ills Honour said that the particulars in this case stated, "this settlon was brought in receiver 50t, by way of damages for injuries indicated on the plantiff, at Tunstall IIII Colliery, Staffordshire, in the month of November, 1854, through the gross care-insense and negliquence of the deriendant, in working, using, and managing certain and direction." The plaintiff was a working collier, and the injury was sustained by in when deceeding a caal-pit, with gumpowfer and straw, for the purpose of blasting, on the 23d of November. When within about 14 yeards of the bottom, he was used in the post of the state of the purpose of blasting, on the 23d of November. When within about 14 yeards of the bottom, he was used on the 15d of November. When within about 14 yeards of the bottom, he was used on the 15d of November. The plaintiff was a working collier, and the injury was statistically on the holding of the quantimental using the machinery—in other words, to the manher of using it in impore machinery using the given; that the condition of the machinery would not be quantimental using the machinery—in other words, to the machinery would not be quantimental using the machinery—in other words, to the machinery of the machinery of the machinery of the proper of the particular; and the purpose of the plaintiff was p

pieces of extraneous substances in a solid state. The last of the series was the crystaline pyrolite, presenting crystals somewhat resembling pyrozene, found in some kinds of slag—for instance, in that of the copper furnaces at Swansea. Under this head, Mr. Twiniso alluded to the results of ingenious experiments made some years previously at Edinburgh, which proved that a molten mass of an appropriate nature, if allowed to cool very slowly, will exhibit a marked tendency to that crystaline structure seen in rocks of igneous formation, especially if such gradual cooling be accompanied by a considerable amount of pressure.

The paper of Mr. Twining also referred to two other substances; the first he termed "lava dips," which consisted in the immersion of a porous substance, already moulded into its intended form in a well liquified mass of pyrolite, or other similar suitable material, by which it would be penetrated to a certain depth. Such a coating might be a great improvement to blocks of spongy pyrolite, and the impregnation would form, when concreted, a compact external layer, or crust, combining any requisite degree of solidity, weatherproof texture, and ornamental appearance; the surface, too, might afterwards be rubbed with sand to destroy the vitreous gloss. The other substance was termed "igneous agglomerate," to be formed by mixing, in a cold state, materials of various degrees of fusibility, and subsequently applying a degree of heat which, by the fusion, or semi-fusion of the more fusible particles, would make them seem to bind and cement together with more refractory ones. While Mr. Twiniso candidly acknowledges that the various species of artificial stone manufactured in England hemmed in his scheme rather closely on all sides, he believed that sufficient space still remained for developing its utility in various ways and aspects.

In thus recalling to the public recollection the various phases of the

believed that sufficient space still remained for developing its utility in various ways and aspects.

In thus recalling to the public recollection the various phases of the plan proposed by Mr. Twining, we render but an act of simple justice to that enlightened and disinterested projector. The claims put forward by Dr. Smith do net, however, conflict with the earlier scientific researches, or practical suggestions of his immediate predecessor in his interesting and important field of enquiry. We believe it will be found that the pretentions of both are, at least to a certain extent, reconcilable; and that while Mr. Twining is entitled to the palm for theoretical and even experimental priority, Dr. Smith may maintain the claim which he asserts of being the first who really applied the refuse slag of metallic furnaces to purposes of commercial utility.

The death of that distinguished geologist, Sir HENRY DE LA BECHE, has necessarily created a vacancy in the important department connected with the science of mining over which he presided. The School of Economic necessarily created a vacancy in the important department connected with the science of mining over which he presided. The School of Economic Geology, of which he was the projector and the founder, was just commencing to assume a national importance, and to direct public attention to the vast advantages it presented for scientific and practical education, when an attack of paralysis suddenly closed his earthly career. His connection with the Geological Survey has secured to him an imperishable name, which will be long remembered in the mineral districts of Great Britain; while the European repute which he acquired by his devotion to the science will operate as a salutary example to the rising generation. Under his direction was established not only the Geological Museum, but also the office of Mining Records, which promises, under the admirable administrative arrangements of Mr. Robert Hunt, F.R.S., to prove of such inestimable value, not only in unfolding our present mineral resources, but also in guiding to their future more extended development. We know not any modern institution, amongst the many dedicated by the nation to industrial or educational purposes, which reflects more credit on the foresight and intelligence of those by whom it was devised, or which more fully justified the selection of those to whom the arrangements were confided. We believe we are correct in stating that the appointment, recently held by Sir Herry De la Becre, has been offered by the Government to Sir Roberick I. Murchison, F.R.S.: we are not, however, in a position to announce his acceptance of the duties. Should he decline, which, we are informed, is extremely probable, we may perhaps venture to predict that we shall recognise in Professor Phillips, the eminent geologist, a worthy successor to Sir Henry De la Becre, and we anticipate that the high character which the Central National School of Geology and Mines was daily acquiring will be fully sustained under its future management.

The measure about to be considered and discussed, by the introduction of a Bill into the House of Commons for rating the metalliferous mines of Cornwall and Devon to the poors' rate, is one of such vast importance, not only to the best interests of those counties, but to the very existence of an industrial, hardy, and contended population, dependent on this staple produce for their support, that we sincerely recommend the perusal of a communication on the subject, from Mr. William Tregax, which will be found in another column. It is a measure which appears to us fraught with injustice, and against which many tangible arguments may be urged; however, we shall make some remarks in our next Journal, and in the mean time we shall be happy to receive, from such of our readers who have had experience in the working of mineral property, and its influence on parochial finances, their opinions on this all-important question, which, if its promoters succeed, must affect every mineral district in the kingdom.

inding to productial arrangements by the proprietors and managers of mines, to causer easiery and protection for the lives and limbs of those whom they employ.

The situation which Dr. Sertra's proposed plast for utilising the stage of our situation which Dr. Sertra's proposed plast for utilising the stage of our situation furnaces, now in use in the United State, has attracted in the control furnaces, now in use in the United State, has attracted in the control furnaces, now in use in the United State, has attracted in the control furnaces, now in use in the United State, has attracted in the control of the Cartesian of the Ca

tion would fall to the ground, and he was most anxious to proceed. He was, however, willing that the demurrer should be heard before the Lords Justices, at the same time that the appeal against the order upon the motion was heard. The Court considered this the most convenient course, and the matter was a arranged.

was, however, willing that the demurrer should be heard before the Lords Justices, at the same time that the appeal against the order upon the motion was heard. The Court considered this the most convenient course, and the matter was so arranged.

It is sincerely to be hoped that this decision of a court of equity will not cause further misunderstandings, or lead to protracted litigation. Mr. Oxentone has for many years been advancing large sums of money to preserve the interests of the association; indeed, had it not been for his persevering support, the property would long since have reverted to the original proprietors, and the whole of the expended capital been for ever lost. A sale of the property, under any circumstances, more particularly with the present uninviting and depressed state of foreign adventure, cannot be effected but at a vast sacrifice; while, if capital can be so easily raised, as stated by plaintiff's counsel, among the existing proprietors, the salvation of the association and the property may be effected. Mr. Oxentone requires only the repayment of what he has expended, and what is justly his due. He has more than once made honourable and liberal offers to sell a portion of the assets, sufficient to pay the debts, and divide the residue pro rata: but these offers have never been responded to, and, consequently, no progress has been made.

The question now arises, what shall be done to secure the best results? Mr. Oxentone is most probably now on the property, a report from whom as to its position, and the state of its auriferous and other mineral deposits, may shortly be expected? He will most probably also make some suggestions for the beneficial guidance of his co-proprietors here. Unfortunately, at the commencement of the association no Deed of Sutlement was executed; proprietors are holders of scrip, and it is impossible to find them all, to give the necessary notices. All can, however, read public advertisements; hitherto there has been too much hanging back to watch the course of

Mr. John Taylor has just visited the Lackamore Mine, and has reported to the committee that his opinion of the mine is very favourable; but he has expressed his regret and disappointment at the dilapidated state of the machinery and buildings, and small progress which has been made towards bringing the mine into a proper state of working. He has recommended that steps should be taken for the complete drainage of the mine, and that a more powerful water-wheel should at once be purchased for that object. He does not estimate that any material assistance can be derived from returns obtained, as they are at present from the old workings, above the 10 fm. level, and recommends that a general meeting of shareholders should be called, as soon as the accounts to the 30th June next are closed, to decide upon the measures necessary for the further prosecution of the mine.

shareholders should be called, as soon as the accounts to the 30th June next are closed, to decide upon the measures necessary for the further prosecution of the mine.

The complaints respecting the inferior quality of recently-manufactured rails, naturally attributable to the attempts made by companies to reduce the price, have attracted attention both in this country and in the United States, and have led to some practical and scientific enquires. On the first introduction of railroads, it was confidently asserted by their promoters that the rails would last for indefinite periods, but experience soon demonstrated that railway bars were subject to lamination and disintegration, from the repeated rolling of heavy loads. Their duration, in some instances, has not exceeded two or three years; and in some of the earliest constructed lines in England the rails have been changed twice, or even three times, since their opening. Opportunities have, accordingly, prosented themselves to the engineers on these lines, of ascertaining the actual powers of endurance of iron rails, and of calculating the amount and extent of traffic which they are capable of withstanding under the varied circumstances to which they are exposed. Where the conditions are favourable, and the bars themselves perfectly sound, it is believed that the traffic which they are capable of withstanding under the varied circumstances to which they are exposed. Where the conditions are favourable, and they are exposed. Where the conditions are favourable, and they are exposed. Where the conditions are favourable, short for the surface, renewed which have not borne a tenth of that weight. Well-recorded obervations on this subject are much to be desired, and would prove of the greatest benefit, not only to railroad companies and their shareholders, but also to engineers, and even to the iron trade in general. In directing attention to the subject, we need not remind the public that this Journal is at the service of those who are enabled to furnish scientif

the value of the old metal obtained. It is obvious that this investigation opens a field of curious and interesting enquiry, and our specially directing attention to it may, perhaps, lead to more perfect arrangements for the callection of future materials.

Every advance in the manufacture of rails is a matter of national importance, and we feel proud to acknowledge that Wales is taking the lead in practical improvement. The heaviest rail ever made has been manufactured at the Rhymney Works, Monmouthshire—a Barlow rail, 52 feet 6 inches in length, 90 lbs. to the yard, being a total weight of 1575 lbs. factured at the Rhymney Works, Monmouthshire—a Barlow rail, 52 feet 6 inches in length, 90 lbs. to the yard, being a total weight of 1675 lbs. The longest rail ever made, a double-headed rail, 60 feet long, 76 lbs. to the yard, total weight 1600 lbs., has just been manufactured at Tredegar Works, also in Monmouthshire. It is difficult to decide which ought to bear the palm, the Rhymney rail being 1-20th heavier than the Tredegar rail, and the Tredegar rail, earlie which ought to be manufactured than a Barlow rail. The reduction of duty on rails imported from this country into France, while illustrating the enlightened policy of the French Emperor, has given fresh impetus to the manufacture in England; and we believe this county is likely still to maintain her superiority. We cannot conclude without recording the public spirit evinced by the workmen at Tredegar, who, having finished their week's work (about 700 tons of rails), on learning that it was contemplated to make a long rail, volunteered, without remuneration, to manufacture the longest rail in the world. The rail was accordingly wrought, and heated in one of the ordinary furnaces, and, after a week's toil, was finished by the gratuitous labour of the workmen, whose independence thus sought to maintain the pre-eminence of their country.

MINE ACCIDENTS.—Five lives were lost by an explosion of fire-damp Mr. Williams's Ynys-Cynon Colliery, Aberaman.—A miner, named Merrifield, willed by a premature explosion at the Balleswidden Mine.—Two miners, named 26 (brothers) were saidly injured, by a swing stage giving way in the Dolcoath Mine

unsatisfactory; in homely phraseology, things seem going from bad to worse, and apparently with very little prospect of immediate amendment. It is not at all times easy to procure accurate information relative to the actual state of the staple trade, extending, as it does, over a district of so many miles, and in which are involved such a variety of interests. Circumstances, however, have occurred which have called forth from the leading ironmasters such explanations respecting the real state of the trade as exhibit it in a very unsatisfactory light. Owing to the recent extensive strike amongst the nen, and which, I am sorry, is still partially carried on in some localities, it was deemed necessary that a number of the ironmasters should receive a deputation from the operatives on Friday last, with the view of adjusting the difference existing between them, arising out of the proposed reduction of wages. The conference took place on the above day, and was attended by the representatives of some of the largest firms in the trade, including Messrs. S. H. Blackwell, of Dudley; Michael Grazebrook, of Audnam; George Thompson, of the New British Iron Company; Mr. Smith Bond, Mr. George Holeroft, and Mr. E. Gould; Mr. Wm. Matthews, of the Corbyn's Hall Ironworks; Mr. J. E. Swindell, of Cradley, &c. William Orme Foster, Esq., of Stourton Castle, having been called to the chair, Mr. Blackwell and Mr. Matthews entered into explanations justifying the proposed reduction on the part of the masters. From the observations of the former gentleman, it appeared that out of one hundred and forty-four furnaces which were in blast at the commencement of this year, not less than upwards of fifty have been blown out, and others are certain ere long to be added to the list. Pig-iron, which six months ago realised 5t. 10s. per ton, is now selling at 2t. 15s., and not one half the quantity of the former consumption at that reduced price is being sold. Manufactured iron, which was sold at 12t. per ton, is now easiered inverse to the pre

others, the Hollow Iron Trade, are depressed, and the men, at most of the works, are on short time.

At Darlaston and Willenhall, &c., the Lock and Hinge Trades are exceedingly dull, and reduced lists have been sent out.

At Walsall there has been, during the week, rather a revival of the Saddlers' Ironmongery Trade.

The general Factoring Trade of Wolverhampton is inactive, and prices generally rather receding.

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Of the general trade of Birmingham the report cannot be more satisfactory. Many mechanics have been reduced to short time, and the parochial returns exhibit a very decided increase in pauperism. The applicants for out-door relief are weekly increasing, and there are in the workhouse about 400 inmates more than were in the house this time last year. The partial stoppage of the ordinary demand for manufactured goods affords the manufacturers additional opportunity of preparing for the Paris Exhibition, and to those already noticed in the Mining Journal may be added the following: Mesers. Cartwright, Hirons, and Woodward, of Great Charles-street, electro-platers, have prepared some splendid specimens of their manufacture. Mesers. Prince and Son, of Northwood, manufacturers of dessert knives and forks, &c., have also contributed largely to the Exhibition; and the same may be said of Messrs. Allen and Moore, medallists, who have prepared a case of their manufactures, including lamps, inkstands, papier-mache goods, fancy boxes, &c.

The following has been patented, through Mr. Shaw's office, during the week:—Mr. George Savage, of Adderbury, Oxfordshire, has just patented a new or improved lamp for singeing horses, constructed in the following manner. The body of the lamp consists of a flat, or wedge-shaped vessel, divided by a partition into two compartments or chambers, one of the chambers holding the wick, and the other constituting the reservoir containing the wood naphtha, or other combustible liquid to be burned in the lamp, When it is wished to open a communication between the wick chamber and the reservoir containing the combustible liquid to be burned, a stop-cock, which communicates between the two chambers, is turned, and the wick chamber filled with naphtha. The stop-cock is now closed, and the wick may be ignited.

IRON AND COAL TRADES OF YORKSHIRE AND DERBYSHIRE [FROM OUR CORRESPONDENT IN CHESTERPIELD.]

APRIL 27 .- There has been no movement in the iron trade during th week which would lead to the conclusion that business was improving Everything is very much depressed, but the prospects of the trade nov are far better than they were a month ago. The dissolution of the Pence Conferences, and the pessibility of a protracted war, are affecting all commercial transactions both at home and abroad; and, according to the last advices from America, it would appear that a similar state of things exists there as in England, with respect to trade generally, so that we cannot look hopefully to the states of America for an increased trade.

The Steel and Cutlery Trades at Sheffield are dull, and the same may be said of the Hawdayer business generally.

The Steel and Cuttery trades at Shemeta are dull, and the same may be said of the Hardware business generally.

There is nothing new to notice in the Coal Trade. The extreme dullness which has existed for some time past continues to prevail.

The elevation of many a family in this commercial nution, where a humble individual is suddenly exalted from a dependent state to one of wealth, although sometimes caused by intestacy, or by a lapse of near and direct heirships, is often caused by enterprise; and so far as the High Peak of the caused of the caused by enterprise; and so far as the wealth, although sometimes caused by intestacy, or by a lapse of near and direct heirships, is often caused by enterprise; and so far as the High Peak of the county of Derby is concerned, the founders of many of the leading families of that district owed their change of fortune to some acquaintance with the geological peculiarities of the Peak, and to persistent miner-like course of action in carrying out their views respecting the means most adapted to the end—the early development of its mineral resources. Numerous are the instances of families in that district who date their exaltation to a course of successful mining in the Peak. Persevering in their efforts, they followed the object of their research to the water; and for more than a century the locality waited for the genius of Watt, as exemplified in the application of steam power. And strange as it may appear, mines, in that special district, from that day, have never had relief until within the last few years, and even then, in many instances, it was brought to pass by mere trivial or accidental circumstances, and in a neighbourhood comparatively poor, without foreign aid to any considerable extent; for during the great mining mania—whilst all the world had its prospectuses—that district trusted to its resources, and never issued one, not even to this moment; and yet it progresses and continually prospers; and during the last few years, and even months, we have had completely restored to their original glory several of these primitive mines. In this class the Eyam Mines are not the least to be regarded; and although the best part of their sett—the Magelough—is yet unopened, by the assistance of a ten-horse engine only they have recovered a vast amount of treasure, and paid 100 per cent. on their outlay on their mine, the Dusty Pit. So, also, the Brightside, which was abandoned for an age; but, by the ercettion of a 25-horse engine, it is now employing numerous hands, and returning its dividends every six weeks or three months. The

THE IRON AND METAL TRADES OF SOUTH STAFFORDSHIRE.

APRIL 26.—The reports from all parts of the district this week are very unsatisfactory; in homely phraseology, things seem going from bad to worse, and apparently with very little prospect of immediate amendment. It is not at all times easy to procure accurate information relative to the actual state of the staple trade, extending, as it does, over a district of so many miles, and in which are involved such a variety of interests. Circumstances, however, have occurred which have called forth from the leading ironmasters such explanations respecting the real state of the trade as exhibit it in a very unsatisfactory light. Owing to the recent extensive strike amongst the men, and which, I am sorry, is still partially carried on in some localities, it was deemed necessary that a number of the ironmasters should receive a deputation from the operatives on Friday last, with the view of adjusting the difference existing between them, arising out of the proposed reduction of wages. The conference took place on the above day, and was attended by the representatives of some of the largest firms in the trade, including Messrs. S. H. Blackwell, of Dudley; Michael Grazebrook, of Audnam; George Thompson, of the care of the same time discovered that the agent of the prosperity of the compass, and a shaft on his master's property, only at a few pounds expense, and in doing so raised many hundreds of pounds worth of ore, and at the same time discovered that the agent of Mr. Gisborne had pursued the trade as exhibit it in a very unsatisfactory light. Owing to the recent extensive strike amongst the mean and the same time discovered that the agent of Mr. Gisborne had pursued the processor and a strong suspicion entered the mind of the agent of the Jodderill's that probably the compass agent might not work very correctly, and consequently he same task a shaft on his master's property, only at a few pounds expense, and in doing so raised many hundreds of pounds worth of ore, and a

Park and Calver Sough Mines, in this district, and may conclude our remarks by observing that we believe to Mr. Thomas Broomhead, the High Peak mineralogist, a great deal of the prosperity of the district is to be attributed, inasmuch as he originally influenced several of his adventurous fellow-countrymen to carry out his pre-conceived opinions of the importance and probable successful issue of legitimate and honest mining adventure in the Peak; and we are glad to behold so happy an issue of honest endeavours, for the poasant is employed, the capitalist remunerated, and no soldiers either to be had or required. The motive must, undoubtedly, he very patriotic that can induce these limestone miners to exchange 3s. per day, and sometimes 2t. per week, for 1s. 1d. per diem. We believe they will go on hammering still, unless they should happen to hear that the dominant party are prepared to provide for their own, instead of foisting the same on the public, irrespective of merit or fitness, under the garb and on monopoly of commissions in the army, to the injury of the public character and service. In other words, the Second Derbyshire Rifle Militia may wait till doomsday ere it has its complement at 1s. 1d. per dust from a class of men earning, and worth, 3s.; unless, indeed, true English courage and conduct be properly appreciated, and commissions attainable by merit. So long as the enemy keeps from the cliffs of Dover, our brave miners are not in much danger of exchanging their tick coat for jackets of blue or red, be they ever so attractively officered.

At the Sheffield Court of Bankruptoy on Saturday last, Mr. Samuel Plimsell, coal merchant, of Sheffield and London, came up for his certificate. His assets were about 1833, and his total liabilities only amounted to about 2600t. The fact was, the bankrupt had been ruined by the conduct of the railway companies did not hesitate at what they had a right to do. What could an individual do against a powerful company—Mr. Commissioner West said it was doing away with

COLLIERY ACCIDENTS.

Comparative results of mine inspection for the counties of Durham, Northumber-land, and Cumberland, taking the quarter ending 31st March; and the average of

Quar. e	nd. N	iar. 31. for	half-3	ear. hal	f-years.
Accidents in shafts	-	**************	-	***************	18
Explosions	2	************	4	*************	16
Choke-damp			-	***************************************	
Falls of stone and coal	. 8	***************************************	16		23
Sundries	17	***************************************	34	************	2236
Total	27	and the	54	arreal ,	74
				11100-00	

MINES AND MINING-No. XII. BY EVAN HOPKINS, C.E., F.G.S.

Attempts are being made to attribute the great losses incurred in mining speculations to the ignorance of our mining agents, and that were they more enlightened in scientific matters such losses would not take place. I trust the English community have quite sufficient common sense to know that the above is not the fact, and that the object of such attempts is to draw the public attention away from those who have been, and still are, the real cause of the deceptions and losses which have injured and degraded our mining speculations, and rendered them more dangerous, and minitely worse, than ordinary gambling to the uninitiated. Besides, were we to make comparisons between the reports and results of the so-called ignorant mining agents, and those called scientific men, we should find that the latter, in connection with speculative persons, have caused much more serious losses and lowered our character, in judgment and integrity, far more than anything which has occurred from the ignorance of our practical agents.

tegrity, far more than anything which has occurred from the ignorance of our practical agents.

I freely admit that our miners labour under great disadavantages for the want of better scientific training, and that they ought to be able to acquire better education, and be better acquainted with the science of mineralogy, &c.; it is to be hoped that good and suitable industrial schools will soon be established in all the mining districts, where the labouring classes may receive the scientific knowledge required to aid them in their daily avocations. I admit, also, that many mistakes have been committed by mining agents in taking tungsten of iron for the oxide of tin; the green phosphate of iron for copper, &c.; but I maintain that tin; the green phosphate of iron for copper, &c.; but I maintain that these errors are nothing compared to the losses and evils which have resulted from the reports of the mere scientific men. Look at the gold schemes, from their commencement in 1851. Who wrote the reports on the prospects of the Californian gold quartz companies, founded merely on specimens, specific gravities, assays, &c.? Who made the reports on the value of the new gold extracting machines, taking out upwards of 95 percent. of gold in the first operation, frequently leaving no gold in the residue, and bringing out all but pure gold besides? Who have been the cause of starting those English gold mining companies in various parts of the United Kingdom, which have caused so much loss, recrimination, and derision?

Surely these and many other schemes, &c., that could be named, have not been brought forward by the practical mining agents, nor from want of scientific training amongst our mining population. They have all proceeded from speculators, and the so-called scientific men. It is the abuse of science, the want of sound practical knowledge, a defective and selfish system—jobbery—the want of discretion on the part of the public to select the right men for the right place, and their omitting to see that their general interest is attended to, which are the causes of so many deceptive schemes and so much loss in mining speculations. The term scientific, instead of being considered as a signification of attainment, and commanding respect, is becoming a term of repreach and distrust. This arises from the want of attending to the importance of the division of labour, which has rendered our other industrial enterprises so prosperous.

In our railway speculations, the engineers and contractors are not al-

lowed to be interfered with by speculative jobbors. Our manufacture will not permit mere theorists and speculators to disturb the welfare their operations. Our merchants would not countenance, for one moment will not permit mere theorists and speculators to disturb the welfare of their operations. Our merchants would not countenance, for one moment, any attempt on the part of a presumptuous purser to interfere with the esptain's duties on board a ship; hence the reason of our general success in such matters. But when we come to mining speculations, and other enterprises connected therewith, more especially the foreign speculation, the selection of proper persons for their respective posts is not only totally neglected, but, if possible, carefully avoided. In fact, to be a manager of a public company, it matters little what may be the capability of the individual, or his previous occupation; all that is required of him is tooky the diotates of those who placed him at his post, to write what he is told and to make a plausible report for meetings.

QUARTZ MINING IN CALIFORNIA.

Pending a settlement of the affairs of the Quartz Rock Mariposa Gold Mining Con. any, Mr. Waddell, the secretary, has taken advantage of an opportunity to visit be northern mines of California, for the purpose of inspecting the quartz mills nettal operation, to ascertain the system of machinery best adapted for amalgamatics, and to obtain drawings necessary to complete the works of the company, as proposed by Mr. J. A. Phillips; and the following "Report on the Quartz Mices in Grass Valey and Nevada, California," is the result of his investigations:—

THE AGUA FRIA COMPANY, GRASS VALLEY.

THE AGUA FRIL COMPANY, GRASS VALLEY,
fachinery.—Low-pressure engine; diameter of cylinder, 3 feet; length of strok,
et. Three 20-horse boilers, one pair of large crushers, and 21 stamps. Supplyof
er not sufficient for crushing. Have a small foundry, and make their own cut.
An improved stamps' head used. The shoe removed every fortnight
latims.—The vein-stone from the principal vein on Gold Hill yields from 15 to 13
ars per ton; and that obtained under water-level, for the three months up to
ars per ton; and that obtained under water-level, for the three months up to
ther parties working on Scariett's claim, on Gold Hill, the yield from which, last
k, was upwards of 50 dollars per ton.
soon as the drainage of Gold Hill is effected, they will be able to raise a large
nitity of vein stone from their claim there; and, if they had funds sufficient toer,
them to drain their claims on New York and Osborne Hills, they would have
telem to drain their claims on New York and Osborne Hills, they would have
letent supply of water for double the machinery they have at the works now.

BOCKY BAR MINING COMPANY, MASSACHURETTS HULL.

ROCKY BAR MINING COMPANY, MASSACHUSETTS HILL. Machinery.—Engine of 35-horse power, high-pressure, with double-flue bolir. Mining pump, 6% inches diameter, 5-feet stroke, capable of discharging 20 gallen per minute. Capatan, shears, and necessary framing at pit.mouth. Proposed hit ery of 12 stamps, 750 lbs. each. Estimated cost of works, including cost of proposed battery, 18,000 dollars. It is intended to raise 300 tons of rock, as a test, before incl. ing. the battery.

bety of 12 cases. It is intended to raise 300 tons of rock, as a test, believereding the battery.

Claims,—At Rocky Bar, middle fork of the American River, and on Massachusen Hill, and Gold Hill, Grass Valley—Massachusetts Hill the principal locality. Ect in claims, average value 40 to 50 dollars per ton. Rock has been wrought down is water-level in claim (48 fect below surface of the hill). New operations comessed by ainking large engine-shaft, so as to strike the vein at 80 feet below water-level, and work by galleries in face of ledge. Shaft 9 feet 6 inches by 4 feet 6 inches. Inside setts, pitch of vein 35° to 40°; average thickness of vein, I foot at water-level, accreasing with descent. The development of this mine will aid and benefit the 4ga Fria Company's draimage, who have claims on the hill.

Mr. C. S. Seyton, the engineer and superintendent, commenced erecting the mechinery only about two months ago, and expects to have the engine set going the week. The amount of money expended since the first formation of the company, at 1831, is under 80,000 dollars. The success of this company has been retarded by its usual amount of ignorance and incapacity in the agents first employed, inadequst muchinery, and the want of funds, incident to most of the quartz companies in Clifornia. Under the present plan of operations, success is considered certain.

THE EMPIRE COMPANY.

[Incorporated May, 1851; sometimes called "Lola Montar" Mine. She is said to the companies of the companies of the companies of the companies of the contact of the contact of the contact of the considered certain.

[Incorporated May, 1851; sometimes called "Lola Montes" Mine. She is said in have two shares, or one-fifth of the mine.]

have two shares, or one-Afth of the mine.]

Machinery.—Engine of 50-horse power, high pressure. Battery of eight stamp, 1000 lbs. each, eight more erected, and two Chilian mills for pulverising the tailing. Can crush 20 tons per day (24 hours). Fumping machinery at ledge, with engined shorse power, high-pressure; and pump, 10 inches diameter, with 30 inch stoke. Claims.—Ophir Hill, Grass Valley. Quartz varying from 20 to 70 dollars per tm, averaging about 45 dollars.

The company is a joint-labour association, in 10 shares, the partners having standard 1500 dollars cach; those giving their labour receive 150 dollars per menta and the balance of profit is divided rateably per share. They had great difficulty, as incurred considerable expense, in pumping their mine, but now get a steady supply of first-rate quartz, and are making money rapidly.

The following is the amount of gold sold by them to Adams and Co.'s house-blay.

August	21 de	ys' run	ning tim	e	\$11,375	31
September	16%	99	11		17,046	80
October November		99	99		26,763	
Dec. and Jan., to Feb. 10th	10	23	29	*****	9,075	
Dec. min sun, to res. Icu	80	99	39	*****	20,000	00
Total	11114	days			889,561	93

HELVETIA AND LAFAYETTE COMPANY.
[Incorporated April, 1852.]
—Engine 25 horse, high pressure. Two batteries of nine stamps case.

Machinery.—Engine 25 horse, high pressure. Two batteries of nine stampsessistamps, 7 cwts.

Claims.—Helvetia and Lafayette Ledge. Quartz averaging above 30 dollar jet ton. Vein from 2 to 5 feet thick. Mine well opened by tunnel and shafts. But 20 claims of 80 feet each, making 800 feet in length; and a number of claims on 60s and Massachusetts Hills.

The Lafayette Hill vein is very uniform and regular, and is encased in grestione. To the depth of about 25 feet, the upper part of the vein was very rish; it deeper worked. Rock hard, and of a different character from that in Gold Hills and Massachusetts Hill. The cost of taking out the ore is a little over 5 dollars per int. A large new mill is in course of crection at the ledge.

This company commenced in debt, occasioned by the large sum agreed to be placed as the purchase money for the mine (some 70,000 or 80,000 dollars), but have gradially nearly paid it off from the proceeds of the mill. Mr. Conway is the president and superintendent.

CROSSETT'S MILL.

CROSSETT'S MILL.

Machinery.—Engine of small power, with a battery of 10 stamps, 7 cwts. each. Claims.—Osborne Hill, and neighbouring localities. Quartz, value from 30 to

rs per ton.
is company has been most successful, and netted a very large sum from the result is claims on Osborne Hill. The proprietor is said to have cleared over \$100,000.

ORLEANS MILL.

Machinery.—Engine of 10-horse power, high-pressure, with a battery of 12 revolving stamps.

Claims.—Henston Hill. Quartz averaging 45 dollars per ton. This company is newly started (about three months ago), and up to this time has been very suggested earning from 3000 to 5000 dollars per week. One of the proprietors told me is lest previously lost 32,000 dollars in quartz mining. The revolving stamps are supposed likely to answer well, the wear being more equable.

PERNCH COMPANY'S MILL.

Machinery.—Engine 3-hors power, high pressure, with eight stamps, 4 wis, each is held in 10 shares, and worked by owners, and making money. It is a neal laik mill, and has a sort of patent amalgamating process (not Lacharme's). They laif struck a bunch of orr, the quartz only weighing about 1000 that, from which they is tained \$12,200 (24401.) One of the proprietors naively remarked, "C'est traptis".

MANHATTAN COMPANY.

Machinery.—Engine 45-horse power, high-pressure, with a grinding meshins, sisting of a large cast-tron trough, 13 feet in diameter, in segments, the bottom thick, and chilled; the sides 15 inches. In this trough six wheels revoire, fee diameter, 7 inches on face, also chilled. These wheels are of great weight (1 one of make 25 revolutions per minute, and over them is a large revolving plate, with to regulate pressure. LARAMIE'S.

LARAMIE'S.

This claim is on New York Hill, and was lately offered for 100 dollars by the prictors; since fell on a bunch of ore, from which 7000 dollars (1400), was extracted to the quartz is now yielding about 50 dollars per ton, and is all greating crualed at the Agua Fria Company's mill, for which, and amalgamatics, the per ton is charged.

[The continuation of this interesting paper, with "General Resnarks," and Take Return of Quartz Mills, Crushers, &c., will appear in our next Journal.]

CALIFORNIA-ITS STATE AND PROSPECTS. Mr. G. Aikin.

on the State of California" to the Foreign Office, in whi 1854 is thus summed up :-

1854 is thus summed up:—
"The trade of the country is assuming a steadier aspect, been no extraordinary changes in the value of merchandise is and the amount passing through British hands may be esting in a good deal of European capital in the country, and inswer with unquestionable security, at 24 to 30 per cent. per annual Assicutzura has advanced rapidly, and the quantity of educed is nearly equal to the consumption. But prices are as rage the growers, and a decrease may be expected this year. has been carefully prepared, and is considered trustworthy. WHARA, 135,024 seres sown, yielding 25 8-15 bushels on awgrown, 3,439,535 bushels. The imports of grain and flour hidden and the control of the second control of the castern ports of the United States, 756,000t. to L. ma, 6700t. to Chili, 126,750t. to China, 2200t, to Calcutta, 400t to the Sandwich Islanda. This export is less than that of but the decrease is attributed to improvements effected by issue of coin from a local mint.

QCICKELLVEE.—Exports, 20,963 flasks, equal to 1,572,235 II.

bb the Generate is attributed to improvements excessed of issue of coin from a local mint.

Qurcastrivan.—Exports, 20,963 flasks, equal to 1,572,233 lbs., of which is generated by the continuous con

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spirate companies registered, with a capital of 245,000%. Ordinary labour at the sizes has fallen to 16s. a day.

Casata and aqueducts employ a very large capital. Six companies have conveyed sixt, by diverding mountain streams, through 1164 miles, at an outlay of 450,000%.

Eattwars are talked of, and one or two will, without doubt, be promptly started. The population of the State is estimated at 340,000. The increase during the year counts to about 45,000, including 12,000 Chinese. The wages of the ordinary laceures is 16s. a day. of good mechanics 24s. to 40s. a day. Domestic servants are known and observed the command 84. to 12f. per month, with board, 2c."

THE STEAM-HAMMER. X

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ich 318,995 lie.
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The exports in
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Mr. Robert Morrison, of Newcastle-on-Tyne, has made some improveand tear, and liability to that derangement or breakage which, he states, as been experienced in the ordinary steam-hammers, forming a serious hawback to the use and efficiency of this valuable tool. In Nasmyth's

and tear, and liability to that derangement or breakage which, he states, as been experienced in the ordinary steam-hammers, forming a serious gravback to the use and efficiency of this valuable tool. In Nasmyth's hammer, the head is attached to the piston rod, and is guided by side theirs in the frame, a shallow rib entering a groove on each side of the hammer head. Considerable play is necessarily left for the fall of the answer head. Considerable play is necessarily left for the fall of the hammer head. Considerable play is necessarily left for the fall of the answer, and the centre of the face, a side jar is the result; the contant repetition of these shocks indents and wors a way the hammer face and guides, increases the side play to an injurious extent, displaces the sating, and often breaks the piston rod. In Condie's hammer the motion is reversed, the piston and rod are fixed, the cylinder forms the hammer, having the head fixed below, and is guided by rubbing against the six cheeks of the frame at the top and bottom; the steam is admitted brough the piston rod, which is hollow. By this arrangement the jar is set communicated to the piston, but the rubbing surfaces of the hammer gides are exposed to a similar injurious action, and the blow of the hammer is liable to break the cylinder.

In Morrison's hammer the cylinder remains fixed; the piston rod itself forms the shaft of the hammer, being enlarged in diameter, and prolonged knowly the top of the cylinder, above which the upper end is steadied by sliding between guides. The hammer is guided by two large stiffing-tors at the top and bottom of the cylinder, works with steadiness, and recome from friction, the rubbing surface being a turned cylindrical piston rod, fitting closely in stuffing boxes, instead of sliding loosely between the cheeks of the frame. The hammer head of the machine which the stantee has had in operation at the Ouseburn Engine Works, Newsatile, weights 2 tons, with a clear fall of 3½ feet; it has been tried with 35, 40, as of the h

and, the hammer is quite clear of the framing, so that the forgeman can wage, shape, or cut, any work he may have in hand, without the necessity of standing beneath the arch.

Electricity.—At the Royal Institution, on Tuesday, Dr. Tyndall detected the second of his course of lectures on voltaie electricity. He commenced by splaining the arrangements of different metals that serve to excite electricity by conscit, and the combustion of those arrangements in the voltaie battery. The decomposition of water, and the evolution of the two gases of which it is composed from its and plainium plates when immersed in that fluid slightly seldulated, were illusted in a variety of ways. The hydrogen and the oxygen thus evolved, when minicial together, are much lighter than atmospheric air, as was exemplified by filling a mail bailcon, made of collodion, with the two gases, which rapidly ascended to the siling. The film of collodion forming the ballcon was so light that a very small quantity of hydrogen gas was sufficient to give it ascending power; and the experiment as varied by lighting the string that tied the opening, so that oon after the small alloon arrived at the top of the lecture-room it exploded with a loud report. Hydrogen, though it is only known as a gas, is suspected by chemists to be a metal, and serial of the experiments of Prof. Faraday on the compression and condensation of itself the distriction of the experiments of the opening so that the profit of the experiments of Prof. Faraday on the compression and condensation of itself the profit of the surface and the experiments of the opening so that the profit of the experiments; and to make they have a surface and experiments; and to make they have a surface and experiments; and to make they have a surface and experiments. The conductors of a voltaic battery exhibit voltale action in consequence of the class overed for conductors of a voltaic battery exhibit voltale action in consequence of the class over the conductors of a voltaic battery exhibit voltale

SULPHATE OF SODA.—If an extensive and profitable use could be found therefore the profit of iron, one good mode of obtaining sulphate of sods would be by bolling are solutions of sulphate of iron and salt, until the whole of the chlorine and iron the contained by crystallisation of evaporation. As, however, ammonia en be being produced in different ways, and effectually fixed by means of sniphuric to the produced in different ways, and effectually fixed by means of sniphuric that, which the state of the greatest parity.—T. H. LEIGHTON.

In the House of Comments.—The LEIGHTON.

n the House of Commons, on the 8th of May, Mr. Bouverie will bring a lill to amend the Law of Partnership; also a bill to alter and amend the Act for legistration of Joint-Stock Companies.

WEEKLY LIST OF NEW PATENTS.

APPLICATIONS FOR PATENTS, AND PROTECTION ALLOWED. W. James: Serew bolts.—D. Lane: Motive power by water.—A. Longbottom: Preparing sand for easting (a communication).—P. Arrive: Safety valves.—P. A. le Comte de Fontaine-Moreau: Steam-bollers (a communication).—S. Hjorth, Copenhagen: Magneto-electric battery, completely specified 11th April; electro-magnetic machine (1): electro-magnetic machine (2).

WEEKLY LIST OF PATENTS SEALED.

WEEKLY LIST OF PATENTS SEALED.

H. A. Holden, Birmingham—Roof lamps for railway or other carriages, and for parts used in connection with the same.

J. Hopkinson, jun, Huddersfield—Steam-engine boilers and safety valves, and in apparatus for indicating the vacuum in steam-engine condensers in relation to the existing atmospheric pressure.

W. G. Craig, Gorton, near Manchester—In the mode or method of consuming smoke, and in the machinery or apparatus employed therein.

J. Healey, J. Fuster, and J. Lowe, Bolten-ic-Moora—Machinery to be used for drawing, moulding, forming, and forging articles in metal.

[roads.

D. Bazaine, Puris—Improved system of railway, applicable especially on common G. Noble, Sunderland—Manufacture of fire-bricks.

[and salphuric acid.

W. Blyths, Oswaldtwistle, and E. Kopp, Acerington—Manufacture of soda, ash, W. T. Smith, New Hampstead-road, Kentish-town, and G. Hill, City-road—Machinery or winnowing, washing, sifting, or separating corn, gravel, minerals, and other materials.

J. Eceles, Blackburn—Machinery for the manufacture of bricks.

J. Griffiths, Wolverhampton—Mode or process of manufacture, part of which improvements are also applicable to machinery used in the manufacture of other descriptions of from.

A. P. Price, Margate—Calcination and oxidation of certain metallic, mineral, and metallurgical compounds, and in the apparatus and means for effecting the same. W. Ashton, Preston—Safety or escape valves.

J. Blaikie, Glasgow—Manufacture of driving beits, straps, and bands for machill. Strong, Ramsgate—Prevention of back smoke in chimneys.

P. B. Blanchard, U. S.—A new and useful apparatus for generating motive power from heated air, steam, and the products of the combustion of coal or other fuel.

F. G. P. M. V. Maneglia, Turin and Genoa Raliway—Kaliway carriages.

T. Harris, Nant-y-Glo, Aberystwith—Separating the steam from the condensedwater and mud in its transit from the boiler to the cylinder of a steam-engine, stationary or locomotive.

J. S. Russell, Millwall—Construction

IMPROVEMENTS IN BLOOMING IRON.—Mr. R. H. Thomas, of Kidsgrove

rer and mud in its transit from the bolier to the cylinder of a steam-engine, stationary or locomotics.

J. S. Rassell, Millwall.—Construction of ships or vessels to facilitate the use of war. Prince, Deby—Patierus employed in ambing monder for railway chairs.

J. Frince of the prince of the pri

priv. concomical, conting to the table powing brightly, became dum. A three conclusion of the same power of the concept of the

proving at that is necessary to be known to be a many desired speed, with the quantity of steam required per minute, at a certain pressure for a given time.

Hyprovements in Shapt Bearings for Properties.—Mr. J. Penn, the eminent engineer of Greenwich, has patented a novel plan for the construction of planimer blocks, or bearings for shafts, particularly under circumstances such as series propeller shafts, where high velocities are required. In the Journal of the 28th March, we briefly noticed this invention, who consists in surrounding the journals of the shaft with these saings. The names carriagen of the bearings are grooved, to reselve tills of wood, which project beyond the inner surfaces, like copy to a which, so as to prevent the shaft coming in contact with the metal. Through the spaces formed between the filless water is allowed to flow freely between the shaft and the bearings, keeping the whole cool, and acting as a lubricator. Another modification of the invention is to fix the wooden likes on the shaft, which then rotate with it in the brase bearings. The wood preferred for the purpose is lignum vitas, which is found so well to withstand friction is missinary; and the improvement has already been applied to numerous vessels, including several of Her Majesty's ships of war.

LANDS IMPROVEMENT COMPANY.

It is a well-known and generally admitted fact, that with respect to the lands of this country, although, taken as a whole, they are probably the best sultivated in Europe, an urgent necessity exists over a large portion of them for permanent improvement. The past quarter of a century has witnessed the application and rapid progress of chemistry to agricultural pursuits in England, Wales, and Scotland, with the most satisfactory and important results; but, newlethstanding throughout every country large districts will be found, where practical operations would prove of the utmost importance, such as draining, irrigation, embanking from sea or tidal rivers, enclosing commons, improving water courses, reclaining waste, making farm roads, and clearing and planting; such improvements, or the want of capital, and the absence of any means of obtaining the necessary assistance with facility, and on convenient and liberal terms. We have, on more than one occasion, called attention to the operations of the Lands Improvement Company, who, in 1833 (16 and 17 Vie., cap. 184) obtained an Act of Incorporation, by which they are enabled to supply an abundance of capital on economical and liberal terms, and effect the removal of the various obstacles which have hitherto existed in its application to the improvement of the land. This Act extends to Scotland, as well as England and Wales, and the powers and its provisions have been framed with careful reference to the exigencies of modern agriculture.

By the aid of this company substantial improvements can be effected, by, or on behalf of, persons possessing only limited or special interests in land, as tenants for life, trustees, incumbents of livings, and generally all persons in actual possession, or in the receipt of rents. Such persons are empowered by the Act to charge the inheritance by way of terminable annuity, for from 14 to 25 years, with the outlay for any of the above-mentioned improvements, together with all engines and unachinery of the

COMPANY OF COPPER MINERS IN ENGLAND.

whose operations are—the conservation of the interest of the landowner, and the more perfect development of the capabilities of the soil of this country.

COMPANY OF COPPER MINERS IN ENGLAND.

TO THE BITTOR OF THE MINIERS IN ENGLAND.**

TO THE FOTOR OF THE MINIERS IN ENGLAND.**

SIR.—From the report of the meeting, in the Japarnal of the 7th Instant, I perceive that the court of assistants have declared a dividend of 1/5 per cent. upon the preference shares, and I per cent on the consolidated stock. Not only have I the misfortune to be an original stockholder, but I am likewise a creditor, whose amount has been reduced and rendered into consolidated stock. It was anticipated that, at the last annual meeting, the consolidated holders would receive the year a fair dividend; but how can this be the case, when we look at the costly staff the company maintains? It may be stated that the salaries receives 800, per annual, the court of assistants dividend to the company of the stock of the state of the stat

PROGRESS OF MINING IN 1854. By J. Y. WATSON, F.G.S. 6d. STATISTICS OF THE MINING INTEREST FOR 1854. By W. H. Cuell, Esq. 6d GLOSSARY OF ENGLISH AND FOREIGN MINING AND SMELTING TERMS, 20

GLOSSARY OF ENGLISH AND FOREIGN MINING AND SMELLING TERMS. 24, THE MINING GUIDE. 28. 64.
THE COST-BOOK—TAPPING'S PRIZE ESSAY. 64.
THE COST-BOOK—TAPPING'S PRIZE ESSAY—WITH NOTES AND APPENDIX, 58.
THE COST-BOOK STREM: ITS PRINCIPLES & PRACTICE EXPLAINED. 64.
CEYLON: ITS PRODUCTS, CAPABILITIES, & CLIMATE. BYC. W. PAYSE: 28. 56.
BRITISH MINES CONSIDERED AS A MEANS OF INVESTMENT, with particulars of the principal Dividend and Progressive Mines in Exgland and Walso,
By J. H. Myrchenson, F.G. 38. 56.; by post, 48.

SPECIAL GENERAL MEETING of the company will be HELD at the Great Western Royal Hotel, Paddington, on Friday, the 11th day of May, 1885, at Two o'clock in the afternoon, in accordance with the standing orders of the House of Lords, at which meeting copies of the following Bills, now pending in Parliament, will be submitted for the consideration of the proprietors present in person or by provy—vis.: 1. A Bill to consolidate and amend the Acts relating to the South Wales Railway Company, and to authorise the construction of new works, and alterations of existing works, and for other purposes.

2. An Act to enable the Swansea Vale Railway Company to extend their railway, and to maintain and work the same as a passenger railway, and for other purposes connected therewith.

3. An Act to consolidate and amend the Acts relating to the Liyavi Valley Railway Company, to enable them to construct a new railway from Liangorwyd to Bridgend,

connected therewith.

3. An Act to consolidate and amend the Acts relating to the Liyavi Valley Railway Company, to enable them to construct a new railway from Liangorwyd to Bridgend, and to extend their present line from Foce Toil House to St. Bride's Minor; to abandon parts of their existing and authorised lines, to dissolve the Bridgend Railway Company, and to abandon their railway, and for other purposes.

4. A Bill to enable the Rhymney Railway Company to extend their railway to the Taff Vale Railway, to construct branch railways, and for other purposes.

The chair will be taken at the meeting at Two o'clock precisely.

By order of the Board of Directors.

Exception of the Board of Directors.

EELONG AND MELBOURNE RAILWAY COMPANY.

GEBLONG AND MELBOURNE RAILWAY COMPANY.

Licorporated by an Act of the Victoria Legislature, 5th February, 1853.

Capital £350,000, in 17,500 shares of £30 each.

Bearing a minimum interest of 5 per cent. per annum, guaranteed by the Colonial Government for 21 years, and payable in the colony and in London.

Notice is hereby given, that the HALE-YEARLY PAYMENT of INTEREST in LONDON will be MADE on and after the 20th inst.

Interest warrants may be obtained by shareholders on production of their certificates of transfer, with the scaled certificates of the company, at the London office.

36 and 37, Caanon-street, London, April 14, 1855.

S. J. COOKE, Manager.

CELONG AND MELBOURNE RAILWAY COMPANY.

—Shareholders who have received SEALED CERTIFICATES of this company from the colony for REGISTRATION in LONDON are requested to ATTEND, or SEND to this office, and produce the same, with their transfers signed and complete, in order that the WARRANTS for the PAYMENT of INTEREST, due on the 5th inst., may be prepared in their favour.

36 and 37, Cannon-street, London, April 14, 1855.

36 and 37, Cannon-street, London, April 14, 1855.

TO RAILWAY CONTRACTORS, IRON AND METAL DEALERS.
—SEVEN LOCOMOTIVE ENGINES TO BE SOLD.—The Directors of the South-Eastern Railway Company are prepared to receive TENDERS for the PURCHASE of SEVEN LOCOMOTIVE ENGINES, with cylinders varying from 11 in. to 14 in. diameter, in good condition: as well as a QUANTITY of OLD SPRINGS, SPRING STEEL, TYRES, SCRAP IRON, TURNINGS, WHITE METAL, &c., now lying at the company's works, Ashford, Kent.
Full particulars may be had on application at the Storekeeper's Office, London Terminus, between the hours of Ten a M. and Four P.M.
The engines and old materials may be inspected upon application to the locomotive engineer, at Ashford.
Tenders to be endorsed "Tender for Engines, &c.," and addressed to the undersigned, not later than the 9th of May next.
London Terminus, April 24, 1855.

WHEAL HENDER, AND WEST ROSEWARNE UNITED MINES.—The ADVERTISER wishes to PURCHASE 50 Shares in Wheal lender, at 50 per share; and 100 in the West Rosewarne United Mines, at par,—ddress, Mr. William Thomas, Sams' Hotel, Strand, London.

ORTICULTURAL SOCIETY OF LONDON.—GARDEN EXHIBITIONS.—The LAST DAY on which PRIVILEGED TICKETS can BTAINED at 21, Regent-street, upon the orders of Fellows, at 3s. 6d. epch. is 6th inst. et ILRST EXHIBITION of the SEASON will TAKE PLACE, by permission of

the 30th inst.

The FIRST EXHIBITION of the SEASON will TAKE PLACE, by permission of
Her Majesty's Commissioners for the Great Exhibition of 1851, in the GROUNDS of
GORE HOUSE, on Wednesday, the 16th May.

THE FOREIGN VINEYARD ASSOCIATION.

This company, on Thursday, held their half-yearly meeting (the Right Hon. Lord Muskerry in the chair). The report of the directors stated that Mr. Slack, jun., who had been deputed in charge of a consignment of wine, &c., to the army, had returned to England in January, and so satisfied had they been with his energy, activity, and seal, that they had appointed him to take charge of an agency in Paris; and they thought a favourable time for testing the experiment would be found in the opening of the Exhibition, when a vast number of persons from England and other countries would visit Paris. They further propose, as they find their business increasing, to add to the present amount of capital, by a further issue of shares; at the same time, they declared a dividend at the rate of 10 per cent. per annum, to be paid for the six months ending 28th Feb., 1855.

Since the formation of the company, owing to energy of the directors, they have greatly extended their business. They now supply the Senior and Junior United Service Clubs, as well as the Army and Navy, Gaurda, Reform, Oriental, University, Arthur's, Union, Ormond, of London, and the Kildare and St. Stephens, of Dublin; also the following yacht clubs: "Royal Yacht Squadron, Royal Victoria Yacht, Royal Western Yacht, and the Royal Irish Yacht. The wines supplied by the association are not only patronised by the clubs, universally allowed to be good Judges in this matter, but they receive considerable support from both branches of the service, about 34 regimental messes being supplied by them, and no less than 40 of her Majeaty's ships. Shipments have been forwarded to the Crimea, which have realised a profit; and a large quantity of wine has likewise been dispatched to the Baltic. The shareholders have great reason to be satisfied with the results, which is owing to their exertions and interest that the company has attained its present position, this can only be considered, not as remuneration, but as a recognition of their services. When it is considered that

an improved mode of lixiviation, the sulphuret of calcium might be preserved entire throughout, and afterwards applied to a most important purpose.—T. H. Laisuarco.

WATERFROOF MINERAL PAINT.—A novel and poculiar substance was, a few years since, discovered in the Bridgewater Mountains, New Jersy (U.S.), somposed of silies, alamins, and perexide of iron, in chemical combination, which is stated by the proprietors to form a valuable and perfectly fire and waterproof animeral paint, and has recently been introduced into England, Mr. Frank, of Wellington-estreet, London Bridge, being the London agent. Its properties appear to be afheriveness, fiestbility, and great durability, being an effectual protection against rain, sea water, and damp, becoming, after a few months' exposure, hard and hasting as stone, and perfectly fire-proof, its dark red colour never changing, even in the hottest elimate, and it neither cracks, blisters, or decays. This mineral has been analyzed by Mr. W. Bastick, chemical, of Brock-atreet, Grovenor-agarr, who found it to contain in 100 parts—silles 59-69, alamina 23-75, peroxide of ron 13-76, traces of oxide of magnesia, lime, and manganese, 0-93. He states that these elements are in a state of chemical combination, the mineral being, consequently, undecomposable by any of the agencies to which it is likely to be exposed. That of several American mineral pigments which he had analysed this was certainly the most superior, for, while containing semicient siltes to render it indestructible, it contains a larger quantity of metallics to render it indestructible, it contains a larger quantity of metallics to render it indestructible, it contains a larger quantity of metally to fade or decay. This paint is applicable to all kinds of buildings, stood, brick, or stucco. On the decks or hulls of ships it renders them quite wateringth, and on the insents a not a little below the surface of the ground, it prevents the rawages of that destructive grab and other insents; and applied to others, where t

LAMERTON UNITED COPPER MINE, DEVON, WITH THE MACHINERY AND MATERIALS THERRON.

MESSRS. JAMES WHITE AND SON WILL SELL, BY AUCTION, at the Mart, opposite the Bank of England, on Monday, the 30th April, 1855, at Twelve for One o'clock precisely, in One Lot (pursuant to a resolution of the shareholders), and without reservation, a desirable property, known as the LAMERTON UNITED MINES, situated at Lamerton, Devon, adjoining the cells brated Great Wheal Friendship, together with the MACHINERY and MATERIALS thereon, comprising a 40 ft. WATER-WHEEL; 185 fms. of data rods; 1 travelling too; 1 shaft bob; 12 pulleys and stands; 8 ft. 9 in. pumps; 1 working-barrel; 1 doo; 1 shaft bob; 22 pulleys and stands; 9 ft. 9 in. pumps; 1 working-barrel; 1 doo; 1 shaft bob; 22 tackles and rope; 100 fms. of zine air-pipe; sundry timber; board, barrows, kibbles, picks, shovels, gads, and other articles, forming the whole of the property on the mine belonging to the adventurers. It is held on lease for a term of 21 years, from March, 1852, at 1.15th dues.

May be viewed; and printed particulars obtained at the office of Wx. Davenfort, Equ, solicitor, 21, Ely-place, Holborn; of Mr. Fuller, 51, Threadneedic-street; at the Mart; and at the offices of Messrs, James White and Son, auctioneers and estate agents, 1, Union-court, Old Broad-street.

TO ENGINEERS, MILLWRIGHTS, IRONFOUNDERS, AGRICULTURAL 1M-

TO ENGINEERS, MILLWRIGHTS, IRONFOUNDERS, AGRICULTURAL IM-PLEMENT MANUFACTURERS, WEIGHING MACHINE MAKERS, BULLD-ERS, AND OTHERS.

PLEMENT MANUFACTURERS, WEIGHING MACHINE MAKERS, BUILD-ERS, AND OTHERS.

R. SAMUEL BLOORE, Jun., has received instructions from the proprietor (in consequence of the room being required for extending his railway plant and wagon works) to SELL, BY AUCTION, on Monday, the 21st day of May next, and following days, at the VULCAN FOUNDRY, ENGINE and BOILER WORKS, BIRMINGHAM, a very complete and valuable SET of MACHINERY for MANUFACTURING the WOOD KEYS and TRENAILS for BAILWAYS and BHIPBUILDING, including circular saw tables; a valuable shaping machine, for making wood keys, with slide rest, &c.: a powerful scili-acting railway key comparing machine, with 30 sets of compressing dies of various patterns and sizes, and wrought-iron forcing tools for ditto; a very powerful rolling machine, for compressing trenails; a valuable double-setion trapping machine, for turning wood dowells and long trenails, with brass double self-acting turning tool to ditto; a strong cast-iron bed lathe, 10 ft. long, with lathe heads, &c.; a labo, several lathes with slide rests for trenails, &c.; eight valuable new and second-hand steam-engines, varying from 2 to 50 horse; a great number of ests of patterns for beam, direct-acting, and horizontal engines; also, a large quantity of patterns of valuable machines, cranes, spur and bevil wheels, saw mills, water-wheels, shap pulleys, &c.; 20 valuable and most complete self-acting serew-cutting and other lathes, with centres from 6 in. to 33 in. high; four powerful punching and shearing machines, bolter-paire bending machine; paterns of valuable machines; two wharf cranes; six crabs; three circular saw benches, and immense variety of tools of a general description; 100,000 new bricks; 10,000 ft. of seasoned pine and other boards and planks; bolter-paire bending machine; paterns of the mining of other useful property.

PRELIMINARY ANNOUNCEMENT.

PRELIMINARY ANNOUNCEMENT.

IMPORTANT SALE OF ENGINE WORK, MACHINERY, TOOLS, UTENSILS, and MATERIALS, FIG IRON, BAR IRON, SHIP FLATES, SCRAP IRON, &c., at the BEDLINGTON IRONWORKS, NORTHUMBERLAND.

IR. GEORGE HARDCASTLE is instructed to prepare for peremptory and unreserved SALE, BY PUBLIC AUCTION, the extensive and most valuable PLANT of MOVABLE MACHINERY and GENERAL STOCK, INTRADE, on the premise early in May, and particulars will be furnished in extangues and further advertisements.

Information will be afforded by the auctioneer, on application at the Sunderland Sale Offices; Messra Guifffirk and Canorrow, solicitors; or to Messrs. Allinson and Gillering, accountants, Royal Arcade, Newcastle-on-Tyne.

Newcastle-on-Tyne, April 5, 1853.

INCUMBERED ESTATES COURT, IRELAND.

INCUMBERED ESTATES COURT, IRELAND.

INCUMBERED ESTATES COURT, IRELAND.

INCUMBERED ESTATES COURT, IRELAND.

INCOMPRIANT MINERAL INDICATIONS.—SALE, BY AUCJOHN GRENNE, ESQ., M.P., Owner.

ON THE 22d May, 1835.

GHAN, in the barony of Ida, and county of Kilkenny, being Lot 7 in the rental for sale, by auction, by the Commissioners on the 22d May, 1835. A LODE of SILVER.

LEAD ORE has been met with, specimens of which, taken from the surface, have been submitted to Prof. Sullivan, of the Irieh Industrial Museum, and have been probeen submitted to Prof. Sullivan, of the Irieh Industrial Museum, and have been proposed by him to be of a very promising kind. The lode occurs in a limestone quarry, within about 30 perches of the Kilmacow Station of the Waterford and Kilkenny, distant about three miles from the above lands. MANGANESE and INDICATIONS OF IRON have been found, and pronounced also by Prof. Sullivan as being of a promising kind. These lands cover an area of about two square miles, and are within a mile of the Mullinavat Station of the Waterford and Kilkenny Railway.

These lands on which the above oree have been met with are held in fee-simple, and most conveniently situate, being quite close to the sea-port City of Waterford, and most conveniently situate, being quite close to the sea-port City of Waterford, and most conveniently situate, being quite close to the sea-port City of Waterford, and most conveniently situate, being quite close to the sea-port City of Waterford, and most conveniently situate, being quite close to the sea-port City of Waterford, and most conveniently situate, being quite close to the sea-port City of Waterford, and most conveniently situate, being quite close to the sea-port City of Waterford, and most conveniently situate, being quite close to the sea-port City of Waterford, and most conveniently situate, being quite close to the sea-port City of Waterford, and most conveniently situate, being quite close to the sea-port City of Waterford, and most conveniently situate, being q

POSTPONEMENT OF SALE.—HENNOCK SILVER-LEAD MINE.—The SALE for the above MINE, together with the machinery, plant, tog, advertised to take place at the Half Moon Inn, Excter, on Thursday, the 3d day of May next, is POSTPONED UNTIL FURTHER NOTICE.

Dated Paris-street, Excter, April 24, 1835.

JOHN WARE, Augtloneer.

Dated Paris-street, Exeter, April 24, 1335.

JOHN WARE, Auptioneer.

MINE FOR SALE.—FOR SALE, BY PRIVATE CONTRACT, the UNEXPIRED LEASE, MACHINERY, and MATERIALS, of the THORNTHWAITE LEAD MINE, situate in the parish of Crosthwaite, near Keswick, Camberland. The lease is for 21 years, commencing from August, 1647, at a royalty of 1-15th for the first ten years, and 1-10th for the remaining eleven years, and is about two miles broad, by three miles wide, and contains three known lodes which have been worked, and from each of which lead ore has been sold. The main lode (which has only been explored to the depth of 37 fms., and from which main lode (which has only been explored to the depth of 37 fms., and from which about 160 tons of ore have been raised) is composed principally of quarts and beau-about 160 tons of ore have been raised) is composed principally of quarts and beau-about 160 tons of ore have been raised) is composed principally of quarts and beau-about 160 tons of ore have been raised) is composed principally of quarts and beau-about 160 tons of ore have been raised) is composed principally of quarts and beau-about 160 tons of materials consist of a 40 ft. diameter was also a convenient smither stop, the first of the particular of the particular and particular and particular and particular and offers for the purchase of the unexpired lease, &c., are to be addressed, on or before the 31st May next, to Mr. John Warson, 13, George-yard, Lombards street, London, of whom further particulars may be obtained.

TO MINING

DRITANNIA MINE, NORTH MOLTON, DEVON.—TO MINING COMPANIES AND OTHERS.—Notice is hereby given, that the excellent NEW WATER-WHEEL, together with PUMPS, and all other MATERIAL on the MINE, will SHORTLY BE SOLD BY PUBLIC AUCTION.—Parther particulars will be duly announced; may be riewed on application to Capt. TROMAS, on the premises.

By order, P. F. NURSEY, See. and Pursey. Dated, 27th April, 1835, 16, Barge-yard Chambers, Bucklersbury, London.

TO BE SOLD, BY PRIVATE CONTRACT, a NEWLY-ERECTED and FREEHOLD FORGE and MILL, situate in the Forest of Dean, in the county of Gloucester, capable of manufacturing from 80 to 100 tons per week.

The FORGE comprises puddling furnaces, with an excellent hammer, and a 16 in. train of bar and billet rolls, with pinions and frames, all complete. The MILL has two ball furnaces, a 10 in. train of merchant rolls, and one of 8 in., for guide iron and wire rods, with three speeds, to suit the respective sizes of iron. Applications, from principals only, to be made to Mr. David Noars, of Monmore Ironworks, Wolverhampton; and to Mr. JNO. BROAD, of Cinderford, near Newspham, Gloucestersbire.

MINING INVESTMENT.—WEST ABERFFRWD.—TO BE SOLD, a very valuable MINE, attuate in the heart of the best mining district in Cardiganshire. A shallow adit level has been extended for many fathoms, in the bottom of which there is a good sourse of ore now to be seen, and some tones of ore on the surface broken therefrom. A deep adit level has been commenced, and driven on the course of the lode for 20 fms., the lode yielding lead ore. To continue this level to the course of the dad ore discovered in the shallow adit level was the object of the present company; but a great portion of the mine being held by working miners the present company; but a great portion of the mine being held by working miners. level to the course of sain of unsevered to the mine being held by working miners the present company; but a great portion of the mine being held by working miners in the adjacent neighbourhood, whose means are not sufficient to carry on the trial is the adjacent neighbourhood, whose means are not sufficient to carry on the trial is the only cause for parting with the property.—To inspect, and for further particulars, apply to the agent, PHILLY NICHOLLS, Goginan, Aberystwith.

F.S. There is every facility for the working of water machinery, carriage light, and dues moderate.—March 5, 1835.

and dues moderate.—March 3, 1855.

TO RAILWAY COMPANIES, IRONMASTERS, AND CAPITALISTS.—TO BE SOLD, BY PRIVATE CONTRACT, the RODRIDGE COLLIERY, situated midway between Perry Hill and Hartlepool, with its axion-sive ROYALTIES and PLANT. The coal from the Harvey seam, 4 ft. thick, has been manufactured by Mr. James Morrison into coke, which is of a first class describtion for locomotive purposes. The property contains a valuable STEAM COAL to for locomotive purposes. The property contains a valuable STEAM COAL SEAM, laying over a large servage. Reports on the espablishies of the colliery, made SEAM, laying over a large servage. Reports on the espablishies of the colliery, made with the servant of the serv

can be seen on application to Mr. EDWARD TURNBULL, solleitor, Hartispool; and Mr. M. SRYMOUR, Rodridge House, PERTY Hill.

LIGIBLE IRON WORKS TO BE DISPOSED OF.—TO BE SOLD, OB LET, the UNEXPIRED TERM of an IRON WORKS in CUMBERLAND, comprising about 14 acres, held under a lease, at a nominal rent, having eix years to ron, consisting of a bast furnace, with blowing engine and hot bleat apparatus; forges and mills for rolling bars, sheets, and boiler plates; and a tim-plan work, capable of producing 400 boxes per week; also, it workmen's and two excellent camagers' houses. The forges have the advantage of both steam and water lent tamagers' houses. The forges have the advantage of both steam and water which goes into the work, and wish every facility for the cheap supply of argillaceous which goes into the work, and wish every facility for the cheap supply of argillaceous immediately put to work at a very small expense.

Also, together or separately, a PREEHOLD PORGE and ROLLING MILL, in the immediate neighbourhood of the above, consisting of a complete set of rolls for guidded and finished iron, Shingker's haumer, shears, des., worked by a steam-engine, and capable of producing 50 to 70 tons of bars weakly.

Apply to Mosars, McEwar and Auld, accountants, Glasgow; Mosses, Ws. Bird. and Co., London or Glasgow; or Peter Cameron, Esq., Whitehaven.

EXMOUTH AND ADAMS UNITED MINES.—The Co invite TENDERS for the SUPPLY of the following ARTICLES, to be to Exeter, or at their Stores, at Newton Abbot, when required, within thre from day of tender:

AMOUTH AND ADAMS
invite TENDERS for the SUPPLY of the following ARTICLES, to be delivered at Exeter, or at their Stores, at Newton Abbot, when required, within three mining from day of tender:—
200 loads of half-round Norway timber, Custom-house measure, at per foot.
200 loads of half-round Norway timber, Custom-house measure, at per foot.
200 loads of half-round Norway timber, Custom-house measure, at per foot.
200 loads of half-round Norway timber, Custom-house measure, at per foot.
200 loads of half-round Norway timber, Custom-house measure, at per foot.
3 tons of we half round, at per ton.
3 tons of Welsh iron, at per ton.
3 hides of leather, not less than 40 lbs. each, at per lb.
4 Tenders to be sent to the office, 21, Southernhay, on or before Wednesday, the the Tenders to be sent to the office, 21, Southernhay, on or before Wednesday, the the Tenders to be sent to the office, 21, Southernhay, on or before Wednesday, the the Tenders to be sent to the office, 21, Southernhay, on or before Wednesday, the the Tenders to be sent to the office, 21, Southernhay, on or before Wednesday, the the Tenders to be sent to the office, 21, Southernhay, on or before Wednesday, the the Tenders to be sent to the office, 21, Southernhay, on or before Wednesday, the the Tenders to be sent to the office, 21, Southernhay, on or before Wednesday, the the Tenders to be sent to the office, 21, Southernhay, on or before Wednesday, the the Tenders to be sent to the office, 21, Southernhay, on or before Wednesday, the the Tenders to be sent to the office, 21, Southernhay, on or before Wednesday, the the Tenders to be sent to the office, 21, Southernhay, on or before Wednesday, the the Tenders to be sent to the office, 21, Southernhay, on or before the tenders to the office, 21, Southernhay, on or before the tenders to the office, 21, Southernhay, on the tenders the te

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P.Admir

of May.—Further particulars may be known on application to J. G. Bilwrill, purse.

INNEY CONSOLS MINING COMPANY.—Notice is hereby given, that in order to give full effect to Art. No. 3 of the Rules and Regulations of this company, whereby it is provided,—"That no person shall be recognised as abareholder in the company, or in any way interested in the same, until he or abareholder in the Cost-hook of the association, shall be deemed to have RELINGUISHED their CLAIM as a SHARE, all persons shall be deemed to have RELINGUISHED their CLAIM as a SHARE, association within one month from the 5th April inst. All persons holding shares association within one month from the 5th April inst. All persons holding shares association within one month from the 5th April inst. All persons holding shares in therefore, requested to forward the same to the purser for registration accordingly. Offices, 52, Moorgate-street, London.

POLTIMORE MINING COMPANY.—At the HALF-YEARLY MEETING of proprietors, held at the offices of the company, on Wednesis, the 25th inst., CHARLES HENEAGE, Esq., in the chair,

The following resolutions were adopted:

Proposed by Mr. Goldicutt, acconded by Mr. Moxon:

Proposed by Mr. Goldicutt, acconded by Mr. Moxon:

That the names of the parties who have not yet paid their liabilities to the cannot be now laid before the meeting.—[The following names were accordingly subpany be now laid before the meeting.—[The following names were accordingly subpany be now laid before the Mr. Murtin, £400; Mr. W. W. Mittel, £320; Mr. Green, £100; and Mr. Dupps, £300.]

Mansell, £320; Mr. Green, £100; and Mr. Dupps, £300.]

That the report and accounts now laid before the meeting be adopted and passel.

That the report and accounts now laid before the meeting be adopted and passel.

Inat the report and accounts now laid before the meeting be adopted and passel.

SPECIAL GENERAL MEETING.

Proposed by Mr. Barker, seconded by Mr. Prince:—

Proposed by Mr. Barker, seconded by Mr. Prince:—

Proposed by Company of the second part of the necessary expenses of the mine for the next three months, payable on or before the this day of June next.

Resolved,—That a special general meeting of the shareholders be held on Wedselday, the 13th day of June next.

Proposed by Mr. Thornhill, seconded by Mr. Grundy:—
Proposed by Mr. Thornhill, seconded by Mr. Grundy:—
That the chairman and present committee be re-appointed for the next three mental proposed by the Chairman, seconded by Mr. Hampton:—
That the present purser be re-appointed for the next three months.

Proposed by Mr. Dowling, seconded by Mr. Hand:

Proposed by Mr. Dowling, seconded by Mr. Hand:

Proposed by Mr. Dowling, seconded by Mr. Hand:

That the money subscribed by the shareholders for the call of is, per share properties for any purpose previously to the next general meeting.

Proposed by Mr. Thornhill, seconded by Mr. Langton:

Proposed by Mr. Thornhill, seconded by Mr. Langton:

That the best thanks of the meeting be presented to the chairman, for it could be manner in which he had conducted the proceedings.

HERBY C. CROFT, Sec. and Proposed the proceedings. next meeting.

21. King-street, St. James's, April 25, 1855.

SLATE QUARRY.—TO BE LET, for a term of years, a valuable SLATE QUARRY, adjoining the celebrated Delabole Slate Quarries, in CORMALL. The quarry has hitherto been worked by the proprietor alone, and a conderable quantity of slate of the best quality been raised.—For further particular, apply to J. Nicholla, Eq., Trekenning, St. Columb, Cornwall; or to Mr.T. Nicholla, O., Finebury-circus, London.

I MPERIAL BRAZILIAN MINING ASSOCIATION.—NOTICE— The Directors of this association have made a CALL of TEN SHILLINGS a each of the shares of this association; and the proprietors are requested to PAY is same on their respective shares, on or before Monday, the 14th day of May net, is the London and County Bank, 21, Lombard-street, the bankers of the association. No transfer can be made until payment of the call.

Winchester House, Broad-street, London, April 27, 1855.

A GUA FRIA GOLD MINING COMPANY.—The Directors inform the shareholders that nearly £7000 has been subscribed towards to sum of not less than £10,000, authorised to be raised on the Debentures of the control of the Special General Meeting of the 30th uit. The PERIOD for sading in subscriptions having ExPIRED, the Directors, under the circumstances, consider right to EXTEND THE TIME until the 30th inst., on which day a Special General Meeting will be held, to determine future proceedings. The directors having the power to accept less than £10,000, no debentures can be issued, and no many nearly of the control of the state of the subscribed for.

By order, WILLIAM J. VIAM, 66. office, 3, Old Broad-street, London, April 18, 1855.

A GUA FRIA GOLD MINING COMPANY.—Notice is hereby given, that an EXTRAORDINARY GENERAL MEETING of the sharebolders of the above company will be HELD at the City of London Tavern on Mentals he 30th April inst., at Two o'clock precisely, to receive the Report of the Directors as to the amount of debentures applied for, and determine on future proceedings to the amount of debentures applied for, and determine on future proceedings.

Office, 3, Old Broad-street, London, April 18, 1855.

BRITISH MINES CONSIDERED AS A MEANS OF INVESTMENT. INVESTMENT.

OND EDITION, COFFECTED and PROGRESSIVE MINES IS

OND EDITION, COFFECTED and ravines and progressive mines is

ENGLAND AND WALES.

BY J. H. MURCHISON, Esq., P.G.S., F.S.S., &c.

London: Mann Nephews, 39, Cornbill. Copies may also be obtained at this or's office, 117, Bishopsgate-street Within; at the Mining Journal office, ttreet, London; and at the office of Mr. W. E. Commins, Tavistock.

London: Mann Nephews, 39, Cornair. Copies treet, London; and at the office of Mr. W. E. Commins, Tavistock.

Mr. Murchison's new work on British Mines is attracting a great deal of attention, and calculated to considered a very useful publication, and calculated to considerably impress the position of home mine investments.—Missing Journal, Dec. 2.

This is a valuable guide to investors in mines.—Herapath's Journal, Dec. 2.

This is a valuable guide to investors in mines.—Herapath's Journal, Dec. 2.

This is a valuable guide to investors in mines.—Herapath's Journal, Dec. 2.

This is a valuable guide to investors in mines.—Herapath's Journal, Dec. 2.

A very unpretending but useful little volume, and contains much information which cannot fail to be interesting to all connected with a most important branks and un rational industry.—Morning Herald, City Article, Dec. 18.

Any attempt to afford reliable information in the shape of facts must be useful, as a better position among the investments of the day.

Mr. Murchison has condensed much useful information respecting a field of great a proper position among the investments of the day alphabetically arranged, of the principal dividend and progressive mines. We have consumer in the hope expressed by Mr. Murchison, "that British mines may take the south of the business of British mines, and has devoted much attention to mining in the proper position among the investments of the day."—Globe, City Article, Dec. Mr. Murchison has had for some years considerable experience in the management of the business of British mines, and has devoted much attention to mining in the book will be found extremely valuable as a guide to all who are interested, or able to seek investments in mines; and we have elsewhere availed ourselves of any the mining curiosities which Mr. Murchison has as akilfully brought together. Dec. 2.

The author of this work is a gentleman who has for some years past had comises of some the south of Devon and cast of Cornwall; and under his suspices an im

This is a very valuable book, which all who are interested in mining ought by sees. It supplies a very great amount of information, both on the general subject of the control of the cont

IN ES, &c.—MANAGERS and PURSERS OF MINES, and Others, requiring PLANS, SECTIONS, CIRCULARS, NOTICES of TRANSPORT OF SHARES, RECEITES OF TRANSPERS OF SHARES, RECEITES OF TRANSPERS OF SHARES, COMMON ESTAPPEIC WORK, will do well to apply to R. SYMONS and SON, Surveyed Lithographers, Quay, Truro.

TEAM HAMMER.—A SMALL, but very POWERFUL STEM
HAMMER (Bagge's Patent) FOR SALE. It is adapted to all the purpose of forging iron or tilling steel, as the blows can be regulated at pleasure, and the purpose of strokes per rainate increased to upwards of 300.—To be seen at Meent, when an experience of the seen at Meent, and the service of the se

TRAM-ENGINES AND STEAM BOILERS TO BE SOLD:
ONE NEW 10-horse power DONKEY PUMPING ENGINE, with double fore
ONE NEW 12-horse power BEAM ENGINE.
[Dump.
ONE NEW 43-horse power COMPOUND ENGINE, with high and low-pressure.]

glinders.

ONE SECOND-HAND 12-borse power BEAM CONDENSING ENGINE.
ONE SECOND-HAND 60-borse power COMPOUND, PORTABLE MARINE
REGINE, with high and low-pressure cylinders.
ONE NEW 30-borse power VERTICAL TUBULAR BOILER, suited for a stepmone second-Hand 16-horse power CYLINDRICAL BOILER, with thorough

lost or land engine.
ONE SECOND-HAND 16-horse power CYLINDRICAL BOILER, with thorough is and furnace.
TWO SECOND-HAND MARINE TUBULAR BOILERS, of 50-horse power each. Apply to Taos. Green and Co., Drogheda Ironworks, Drogheda.

MPORTANT TO LEAD SMELTERS.—The INVENTOR is PREPARED to CONSTRUCT, upon liberal terms, a DOUBLE REVERBERATORY FURNACE, capable of making a SAVING of 50 per cent. FUEL over that of the best constructed furnaces in Europe; at the same time guarantees the general loss in meliting not to exceed 5 per cent.

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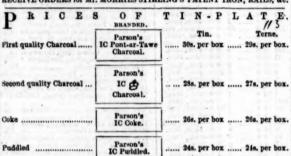
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Subsequently to the examination of his furnaces by the Government inspector he abandoned the use of the ordinary North Country, and adopted that of the Liangern-ench Coal; since which, it was admitted by the police inspectors, no smoke had been observable.

It was not denied by Mr. Fleming that smoke had issued from the premises during the time the ordinary steam coals of the North were in use; but it was asserted by one of the inspectors, who visited the premises, that the Act of Parliament required an alteration in the construction of the furnace, so as to consume the smoke, netwithstanding the use of a coal which was itself smokeless. That question was argued before Mr. Elliott, the police magistrate, and the following report, and the decision thereon, appeared in the daily papers the next day:—

Mr. Parry, counsel for the defendant, drew the magistrate's attention to a clause in the Act of Parliament, which stated that all furnaces at present in use, and hereafter to be used, must be so constructed as to consume their own smoke; and observed that, without any re-constructed as to consume their own smoke; and observed that, without any re-constructed as to consume their own smoke; and observed that, without any re-construction of his furnace, Mr. Fleming lad, since the information was laid, used only the Liangennech Smokeless Coal, the same as had been used for many years at Sir Henry Meav's brewery, and which was in effect a perfect compliance with the Act; but, inasmuch as the inspector of police had intimated to his cl

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5009 Bat Holes, Worthen, Salop 11 17s. 6d 94 9½ % 0 10 0 0 10 0 - April, 185s. 4009 Backford United (copper), Tavistock 22.6s. 8d 9½ 9½ % 61 7 6 6 0 - Yeb., 1835. 5000 Black Craig (casal), Kirkoulderightshire 5 0 5 0 9 2 6 - July, 1835. 209 Potalisek (tin, copper), St. Just 91½ 230 333 5 0 7 0 0 - April, 1855. 1000 Bryntail, Liandides, Montgomeryshire 7 1 0 5 0 0 5 0 - June, 1851.	1000 Darren (sillead) Cardiganshire 5½ 2 1400 Derwest (sillead), Durham 60 1024 Devoa & Cornwall United (cop.) 13½ 20 3907 Devoa and Courtenay (copper) ½ 1 5000 Devoa Buller Gf. Consols 16s 4	10000 Rheldol United Mine
230 Anglesse Coal Company 7 7 0 0 0 2 0 - Nov., 1892. 1948 Balleswidden (tin.), 8t. Just	4000 Devon Burra Burra (copper)	125.0
128 Cwmystwith (lead), Cardiganshire 60 185 45 0 0 5 0 0—March, 1855. 1024 Devon Great Consols (copper), Tavistock 1 375 365 370 433 0 0 9 0 0—March, 1855. 1290 Dhurode (copper), Ireland 1 375 365 370 430 0 0 0 0 18 — Nov., 1853. 179 Dolcoath (copper, tin), Camborne 257 3/4 77 3/4 873 4 0 3 0 0—Feb., 1854. 1280 Drake Walls (tin, copper), Calstock 11/9s 1 0 0 6 0 1 4 O—Nov., 1854. 1390 East Dayree (lead), Cardiganshire 1852 1 3 0 0 0 0 0 185 365 370 433 0 0 3 0 0 0 185 365 370 433 0 0 3 0 0 185 365 370 433 0 0 3 0 196 Nov., 1854 1 0 0 0 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197 197	256 Eaglebrook, Lianphangel, Card. 313 26 25 4096 East Alfred Consols £1 1 6 36 27 256 East Barset (copper), Redruta 56 27 1500 East Birch Ter [A] (lin), Devon 3	1500 Skiddaw & Blencathera, Keswick 11s
1.00	5000 East Black Craig	2000 South Carn Brea (cop.), Illogan 13 45 30000 South Cork (silver, copper) 1 2 5000 South Crenver (copper) £3 18 6 2 256 South Garras 8 65 84 1024 So. Providence (tin), Sithney £3 7 6 84
494 Fowey Consols (copper), Tywardreath 40 30 390 13 0 1 10 0—Aug., 1850. 2240 Foxdule, Isle of Man 71, 10s. 6d. 25 41 7 3 1 0 0—April, 1855. 320 Ditto (New Shares of 251, each) 25 2 4 0 0 16 0—April, 1855. 4448 General Mining Co. for Ireland (cop., lead) 2½ 2½ 1 0 8 0 3 3—June, 1853. 2000 Goginan (lead), Cardiganshire, Wales 3 6 6 22 0 0 5 0—Sept., 1850. 1024 Gonamena (copper), 8t. Cleer 134 14 15 17 0 7 6 0 7 6—Dec., 1852.	1055 East Wheal Rose (sillead) 20% 27 25 4000 East Wheal Russell, Tavistock £4 3 0 14 3500 East Wheal Vor (tin) 24 % % 54 Ecton Mountain, Derbyshire 10 — 356 Ecton Mountain (lead, copper) . 3 —	2000 South of Scotland 2% — 3500 South Speed, Uny Leiant 3 — 2048 South Wales Consols. 28 8 4 1 1 1105 South Wh. Crofty (cop.), Illogan sii. 21 4096 South Wheal Yooland 14 3 4 4096 South Wheal Yooland 3 4 4 5 4 4 5 4 4 5 4 5 4 5 4 5 4 5 4 5
4418 General Mining Co. for Ireland (copp. lead) 2½ 2½ 1 0.8 0 3.3—June, 1859, 2000 Goginan (lead), Cardiganshire, Wales 8 6 6 22 0.0 5 0.0—Sept., 1850, 1024 Gonamena (copper), 8t. Cleer 13½ 14 15 17 0 7.6 0 7.6—Dec., 1852, 30000 Great Crinnis (copper), 8t. Austell 1 0 1.0 0 1.0 0 1.0—Sept., 1854, 13750 Great Polgooth (tin), 8t. Austell 1 0 10.0 0 4.3—Oct., 1852, 119 Great Work (tin), Germoe 100 200 181 10.0 5 0.0—Nov., 1854, 1024 Herodsfoot (lead), near Liekeard 8½ 2 212.6 0 7.6—April, 1854, 6000 Hingston Down Consols (copper), Calston 8½ 2 12.6 0 7.6—April, 1854, 6000 Hingston Down Consols (copper), Calston 8½ 11 1.5 6 0 6.0—March, 1855.	1280 Eggair Liee, Lannmanger 3-Croy 24000 Fox Tor (tin), Altarnun 1 15000 Fron Liea and Craigiog (lead) 1 12000 Gallt-Ffrith-Rhedyn (lead) 2 3 12000 Gallt-Ffrith-Rhedyn (lead) 2 3 12000 Gallt-Ffrith-Rhedyn (lead) 2 3 12000 Gallt-Ffrith-Rhedyn (lead) 2 12000 Gallt-Ffrith-Rhedyn (lead) 12000 Gallt-Ffrith-Rhedyn (lead) 2 12000 Gallt-Ffrith-Rhedyn (lead)	200 St. Austell Consols
1024 Herodafoot (lead), near Liskeard 8 \(\frac{1}{2} \) 2 1 \(2 \) 6 0 \(6 \) 0 \(- \) April, 1854. 0000 Hingston Down Consols (copper), Calstock 3 \(\frac{1}{2} \) 1 1 \(5 \) 0 \(6 \) 0 \(- \) March, 1855. 1000 Holimbush (lead, copper), Callington 25 \(- \) 3 \(5 \) 0 \(0 \) 0 \(- \) Bept., 1854. 2000 Holyford (copper), near Tipperary 11 3 \(0 \) 0 \(0 \) 0 \(- \) Bept., 1852. 13 \(0 \) 0 \(0 \) 0 \(- \) March, 1854. 2048 Kenneggy (copper), Breage 6s, 7d. 3 \(0 \) 0 \(0 \) 4 \(0 \) 0 \(0 \) 0 \(0 \) 5 \(0 \) March, 1854. 1 \(15 \) 0 \(0 \) 5 \(0 \) 0 \(0 \) 1834. 1 \(15 \) 0 \(0 \) 5 \(0 \) 0 \(0 \) 1854.	1000 East Birch Tor	10000 Tallesin (sillead), Cardigansh. 2½ 6s. 20000 Tassan (lead), Ireland 6s. 4944 Tavy Con. (cop.), near Tavistock £2 [4 5 6000 Thomas's United £2 9 1 1 6400 Tees Side (lead), Camberland 1½ 1½
2048 Kenneggy (copper), Breago 6s. 7d. 4 0 4 0 — March, 1854, 788 Kirkeudbrightshire (lead), Kirkeudbright 9% - 1 15 0 0 5 0 — May, 1854. 20900 Lacksamore (copper), Tipperary, Ireland 1 % 0 1 0 0 1 0 — July, 1853. 20 Laxey Mining Company, Isle of Man 100 1000 0 2 0 0 0 0 — Feb., 1855. 5000 Lewis (tin, copper), 8t. Erth 37. 8s. 1 0 24 0 0 2 0 — Feb., 1855. 160 Levant (copper, tin), 8t. Just 2½ 100 1044 0 0 2 0 — Feb., 1855. 400 Lisburne (lead), Cardiganshire, Wales 18% 195 218 15 0 2 10 — Dec., 1854.	900 Great Beam (tin), St. Austell 20 9 30000 Great Cambrian 15 4 4000 Great Cowarch, Merioneth 44 3 30000 Great Hewas United 45 16 4 16 1868 Great Onsiev Cons. Camelford 2 2	12000 Trannack Consols
400 Lisburne (lead), Cardiganshire, Wales 18% 195 218 15 0 2 10 0—Dec., 1854. 320 Machno Slate and Slab Company 25 29 210 0 1 5 0—Dec., 1854. 160 Ditto (New Shares) 18% 22% 1176 0 15 0—Dec., 1854. 6000 Marke Valley (copper), Caradon 4I, 10s. 6d 2% 0 26 0 2 6—May, 1853. 6000 Mendip Hillis (lead), Someract 3% 2% 2% 0 176 0 7 6—Dec., 1854. 8000 Merdiyu (lead), Someract 3% 2% 2% 1 110 0 2 6—June, 1853. 8000 Merliyu (lead), Flint. 2% 16% 16% 16% 10 6 6 0 14 0—Jan., 1855. 8000 Mining Co. of Ireland (copper, lead, coal) 7 16% 16% 10 59 0 1 3 —Nov., 1854.	1024 Great Sheba Consols 214 13 6000 Great South Tolgus 25 5 6 10000 Gt. Tregune Consols, Altarnun. 1 1024 Great Wheal Alfred, Phillack 344 16 17 5120 Great Wheal Baddern (tin) 25 14	10000 Treloggan, St. Colomb Minor 1 k 2 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
5000 Merllyn (lead), Flint. 22 10 10 10 10 10 10 10	100000 Gt, Wh. Vor (tin, cop.), Helston 1 1½	3200 Ty-Maen, Whitford
200 North Pool (copper, tin), Pool 22½ 65 324 0 0 2 0 0—Dec., 1854. 140 North Roskear (copper), Camborne 10 100 4 10 0 4 0 0—Sept., 1853. 6000 North Wheal Reaset (copper, tin), Illegra 42 19 20 4 1 0 0 5 0—March, 1855.	1024 Great Wheal Fortune, Breage. £147 3 11 8½ 9	205 South Carras 206 South Carras 207 South Carras 208 South Wales Consols. 208 South Wales Consols. 208 South Wales Consols. 208 South Wales Consols. 208 South Where Consols. 218 South Where Consols. 219 South Where Consols. 219 South Where Consols. 219 South Where Consols. 210 South South South Where Consols. 210 South Where Consols. 210 South
1160 Perran St. George (cop., tin), Perranzabulos 21), 15 50 00 0 10 0 -June, 1851.	10000 Hill Bridge Consols 5000 Holne Moor (tin), Ashburton	1024 West Airred (cop.), Famines 25, 15 3 3000 West Crinnis, St. Austell 25, 84 4 6400 West Fowey Con. (tin, cop.), £6 6 8 25000 West Par Con. (cop.), St. Blazey 1 1 6000 West Polberro 1 1500 West Polberro 1 156 4 1500 West Polberro 1 156 4 1500 West Polberro 1 156 5 1500 West Polberro 1 156 5 1500 West Polberro 1 156 5 1500 West Polberro 1 1500 West Polberro
1048 Rix Hill (tin), Tavistock 3½ 0 0 0 0 0	10000 lvybridge (silver-lead) 13s, 5d. 3 2048 Kea Tremayne (tin) 5 5 5 5 5 5 5 5 5	1056 West Stray Park 2
256 South Caradon (copper), St. Cleer	20000 Ludgvan Lease (tin), St. Ives 24 25 25 25 26 26 26 26 27 2500 Madron United (tin), Cornwall . 5 26 26 27	12000 Wheal Alfred (cop.), Hayle
9600 Tamar Consols (silver-lead), Beeralston 416 216 411 0 2 0 0 -Feb., 1853. 6000 Tincroft (copper, tin), near Pool, Illogan 756 214 34 6 18 6 0 10 6 -Feb., 1853. 2043 Trehauc (silver-lead), Menheniot 5 5 5 14 5 2 7 16 3 0 5 0 -Det., 1857. 5000 Treleigh Consols (copper), Redruth 6 1 15 0 1 0 0 -Feb., 1854. 572 Trelyon Consols, (tin), St. Ives 11 2 4 1 15 0 1 0 0 -Feb., 1854. 572 Trelyon Consols, (tin), St. Ives 11 2 4 4672 15 0 7 0 0 -Jan., 1855. 96 Tresaven (copper), Iwanan Cornwall 324 150	6400 Michell (lead), Flint	512 Wheal Constance (lead), Newlyn 11 4096 Wheal Crebor (cop.), Tavistock 3\\ \frac{1}{2} \tau_1 \tau
120 Trethellan (copper), Gwennap, Cornwall 10½ — 403 13 6 2 10 - April, 1891. 10000 Trevalga (slate), Boscastle 1 — 0 1 0 0 1 0 - Feb., 1855. 120 Treviskey and Barrier (copper), Gwennap 130 6½ 303 10 0 3 0 - June, 1854. 4096 Trewetha (silver-lead), Menhoniot, Cornwall 2 3 55 0 0 5 0 0 - Dec., 1854.	10000 Molland (cop.), South Moulton % 18. 6d 6400 Mostyn (lead) Flint	10000 Wheal Gukus (tin, copper)
100 Truinet Consols (tin), near Helston 40 210 47 50 2 00 - Feb., 1854.	5000 North Britain Burra Burra	6000 Wheal Langford
250	2000 North Levant (till, cop.) 55-Just 12	900 Wheal Montague (tin) 6% 9960 Wheal Peru, Cornwall 10s.6d. 4 4000 Wh. Robert, Sampford Spiney, £1 5 6 2048 Wheal Robins (tin) Liskeard 3
2500 Ditto West Basset (copper), Illogan	12000 N. Wh. Unity (cop., tin), Gwin. 1\(\frac{1}{2} \)	1024 Wheal Sidney, Plympton
128 Wheal Friendship (copper), Devon 115 2376 10 0 8 0 0 May, 1854. 5000. Wheal Golden (sillead), Ferranzabuloe 14 4 15 5 0 0 5 0 - Sept., 1852. 5000. Wheal Jame (iron, copper), Roche 11. 4s 4 10 0 1 0 - Oot, 1853. 512 Wheal Jane (aliver-lead), Kea 3 5 7 50 30 0 0 2 0 - Aug., 1854. 430 Wheal Lovel (tin), Wendron 33 52 50 30 0 0 2 0 0 - Aug., 1854.	8000 Oola (sillead, cop.), Limerick. 1 1½ 2300 Orsedd (lead), Flint 25% 1½ 116 126 Pembroke & East Crinnis (cop.) 63% 2½ 15000 Pencorse Consols, 8t. Endoer £1 6 1½ 136 136	3000 Wheal Trevens (tin), Breage 5 5 /5 5 /5 5 /5 5 /5 5 /5 5 /5 5 /5 5 /5 5 /5 5 /5 5 /5 5 /5 5 /5 5 /5 5 /5 5 /5 5 /5 5 /5 5 /5 /5 /5 /5 /5 /5 /5 /5 /5 /5 /5 /5 /
112 Wheal Margaret (tin), Uny Lelant 79 100 220 0 0 5 0 0 - May, 5934. 512 Wheal Mary Ann (lead), Menheniot. 5 4 32 4 25 15 0 2 0 - Mareh, 1854. 50 Wheal Owies, 8t. Just, Cornwall 70 400 401 167 3 0 2 10 0 - Feb., 1855. 240 Wheal Reeth (tin), Uny Lelant 24 4 - 4 258 254 10 0 8 0 0 - April, 1854.	1000 Michell (lead), Flint 5, 6d 7, 4	245 Wheal Virtue, Perranarwoothal 34 4½ 6460 Wheal Whiteligh 2 4096 Wh. Zion (cop., lead), Calstock £4 0 6 2½ 6400 Whitford (lead), Fint) 65 54006 Wood (lead), Bearleria 198.64 34
100 Trumpet Consols (tin), near Helston 40	- Let area	Paid Price Shares Paid, Price
FORRIGN MINES. 5000 Alten Mining Company (copper), Norway £14% 2		Paid. Price. Shares. Paid. Price. Tor. 37 5 6400 South Baller and West Penstruthal 1 5 5 6400 South West Penstruthal 1 5 5 6400 South West Penstruthal 1 5 6400 South Wheal Robert 1 6400 South Wheal Robert 1 6
12000 Cobre Copper Company (copper), Cuba	5000 Bodewi, S. Wales £1 7 36 30000 Irish Consols 6000 Bolenowe £1 4 6 14 2048 Ivy Tor Consols 1180 Bridford Consols £5 9 — 8000 Kerry (lead) 236 Bull. and BassetUni. 314 87 6 20000 Kirry (lead) 812 Butterdon (lead) 57 6 15 12000 Lady Grenvil	1
10000 Linares (lead), Pozo Ancho, Spain 3 7\dagger 7 2 0 6 0 15 0 - March, 1854. 103815 Mariquita and New Granada 1 7 3 4 0 2 0 0 10 - July, 1853. 2000 Mexican and South American (cop.), Mexico 9 7 6 7 6 0 0 0 7 6 - Jan., 1855. 158676 North British Australasian 1 1 3 0 8 0 8 - March, 1854. 2000 Obernhof (load), Nassau 1 4 0 1 0 0 1 0 - June, 1853. 2000 Obernhof (load), Nassau 1 2 6 6 8 3 4 0 0 7 - June, 1854. 2000 Royal Santiago (coppor), Cuba 12\frac{12}{3} 6 6 6 6 6 7 - June, 1854. 2000 Royal Santiago (coppor), Cuba 12\frac{12}{3} 6 6 6 6 6 7 - June, 1854. 2000 Royal Santiago (coppor), Cuba 12\frac{12}{3} 6 6 6 6 7 - June, 1854. 2000 Royal Santiago (coppor), Cuba 12\frac{12}{3} 6 6 6 7 - June, 1854. 2000 Royal Santiago (coppor), Cuba 12\frac{12}{3} 6 7 - June, 1854. 2000 Royal Santiago (coppor), Cuba 12\frac{12}{3} 6 7 - June, 1854. 2000 Royal Santiago (coppor), Cuba 12\frac{12}{3} 6 7 - June, 1854. 2000 Royal Santiago (coppor), Cuba 12\frac{12}{3} 7 - June, 1854. 2000 Royal Santiago (coppor), Cuba 12\frac{12}{3} 7 - June, 1854. 2000 Royal Santiago (coppor), Cuba 12\frac{12}{3} 7 - June, 1854. 2000 Royal Santiago (coppor), Cuba 12\frac{12}{3} 7 - June, 1854. 2000 Royal Santiago (coppor), Cuba 12\frac{12}{3} 7 - June, 1854. 2000 Royal Santiago (coppor), Cuba 12\frac{12}{3} 7 - June, 1854. 2000 Royal Santiago (coppor), Cuba 12\frac{12}{3} 7 - June, 1854. 2000 Royal Santiago (coppor), Cuba 12\frac{12}{3} 7 - June, 1854. 2000 Royal Santiago (coppor), Cuba 12\frac{12}{3} 7 - June, 1854. 2000 Royal Santiago (coppor), Cuba 12\frac{12}{3} 7 - June, 1854. 2000 Royal Santiago (coppor), Cuba 12\frac{12}{3} 7 - June, 1854. 2000 Royal Santiago (coppor), Cuba 12\frac{12}{3} 7 - June, 1854. 2000 Royal Santiago (coppor), Cuba 1212	5000 Callington Valley Con. 1	Consols 24 2 4000 Treselly n Consols 1 1 1 1 1 1 1 1 1
104000 San Fernando (eliver-lead), Linares 1 32 31½ 27 17 6 2 0 0 Nov., 1854. 11000 St. John del Rey (gold), Brasil 15 32 71 6 2 0 0 Nov., 1854. 43174 United Mexican (silver), Mexico Av. 28½ 5 7½ 2 1 16 8 0 4 0 Feb., 1855.	Shares.	1200 West Sortridge 4s 5d 1200 West Sortridge 4s 5d 1200 West Sortridge 4s 5d 1200 West Wheal Arthur 1200 West Wheal Arthur 1200 West Wheal Arthur 1200 West Wheal Arthur 1200 West Sortridge 4s 5d 1200 West Sortridge
	12000 Ditto 16	Breock 1 13 5000 wheat ramp, Perran, Si 18 1000 close 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
75000. Adelaide Land and Gold Comp. 100000 Agua Fria (gold), California. 1	2000 Dinas Great Consols 2 1000 Dinas Great Consols 2 1000 Dinas Great Consols 2 2048 Ponterwyd, C 3660 Prignant Consols 2 1000 Quintrell Do 1000 Cuintrell Do 1000 Cuintrell Do 2 1000 Cuintrell	Wales
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MINES WHICH HAVE SOLD ORES. Shares.	100000 Agua Fria 1 3 % 5 5 5 5 5 5 5 5 5	72000 Grand Duchy of Baden
3000 Altarnun Con. (tin, cop.), Altar. 3\forall 2		200000 Nouveau Monde
12000 Ballyzoneen (lead), Wicklow 1	In accordance with an announcement to that effect, we have	10000 Pontribud Silver-lead 20 10000 Port Philip 1 3 3 10000 Port Philip 1 3 3 10000 Port Philip 1 3 3 10000 Quartz Boek 1 3 1 3 7 10000 South Australiaa 1 3 3 1 3 7 10000 Waller 100000 West Mariposa 1 3 3 3 10000 West Mariposa 1 3 5 3 10000 West Mariposa 1 1 5 3 3 10000 West Mariposa 1 1 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
4.006 Boringdon Consola, Plympton. 4 1 3 5 1026 Esseson (tin), 8t. Just 20 75 50 4335 Bottle Hill (copper), Flympton. 3 2 - 50 4335 Bottle Hill (copper), Flympton. 3 2 - 126 Britannia, Lianarmon 67 19 6 15 1500 Connemara, Galway 4 5 150	rations have not been forwarded, or the price given confirm one difficulty,—that of purchasers or sellers being deceived present value, although the price may have varied consideral cerned into more frequent communication with regard to adventurers; and, we need hardly add, that we shall be happy	removed the prices from all mines in the above list where aboved, for a period of one month: we hope by that means to receive the quotation in the current Journal being represented as the ly since it first appeared. We hope, also, to bring the parties or alteration in the present position or prespects of their respective to fill up all the blanks, on receipt of the quotation at which we and address of our correspondent.
Shares Puid. Last Price Present 1034 Caerphilly & Carrannon, S. value 3 3 4 3 4 5 5 5 5 5 5 5 5 5	London: Printed by REGEARD MINDLEYOR, and published by STREET, where all communications are	HENEX ENGLISH (the proprietors), at their offices, No. 26, Tand requested to be addressed.—April 28, 1855.

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